Zwillingskacheln

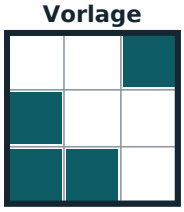
Vorschule | 2026-11-02 | Arbeitsblatt

Ein Erwachsener kann die Aufgabe vorlesen. Schau dir die Vorlage im Rahmen an. Eine der Kacheln daneben ist genau gleich. Zeige beim Vergleichen mit dem Finger auf jedes Kästchen.

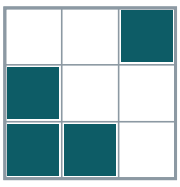
Kreise den Buchstaben der Kachel ein, die genau wie die Vorlage aussieht. Bei jeder anderen ist ein Kästchen anders.

01

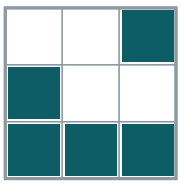
Vorlage



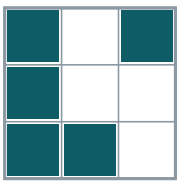
A



B

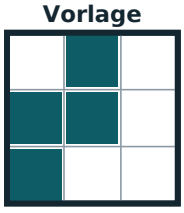


C

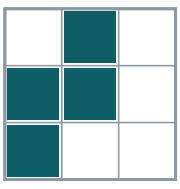


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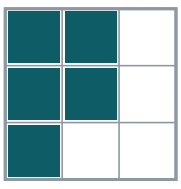
Vorlage



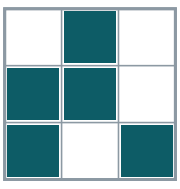
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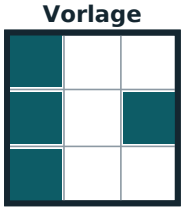


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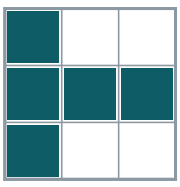


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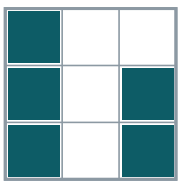
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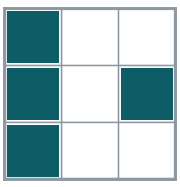
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B

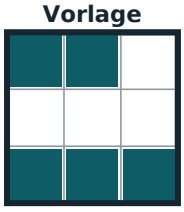


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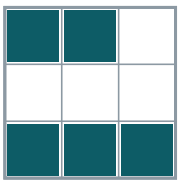


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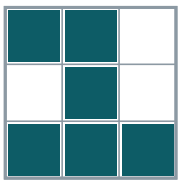
Vorlage



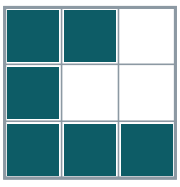
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B

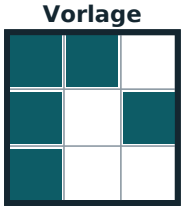


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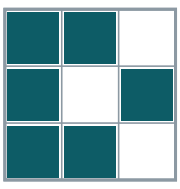


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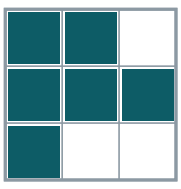
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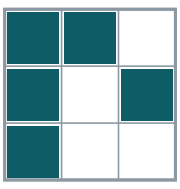
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B

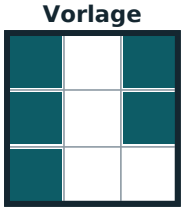


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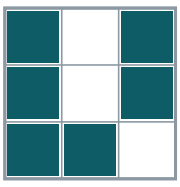


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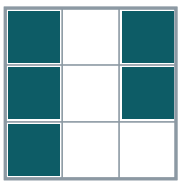
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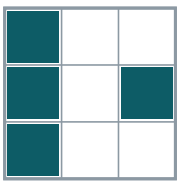
A



B



C

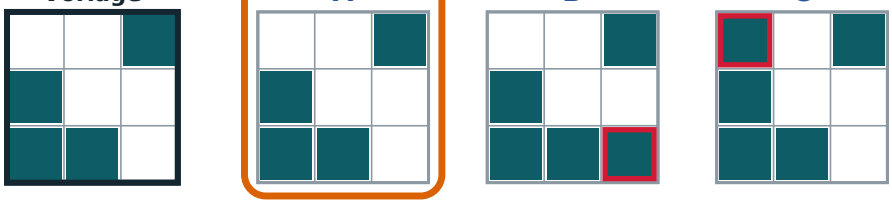


Zwillingskacheln

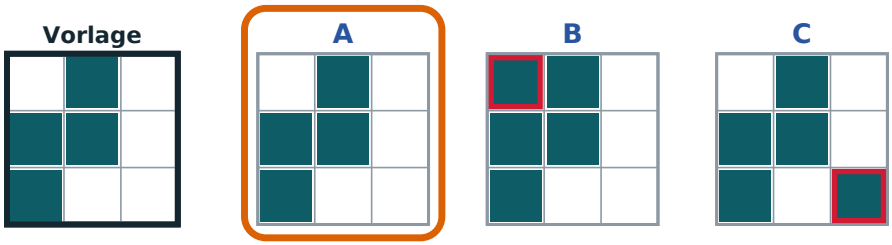
Vorschule | 2026-11-02 | Lösungen

Orange Ringe zeigen die Lösungen. Rote Rahmen markieren die Kästchen, in denen sich jede falsche Kachel von der Vorlage unterscheidet.

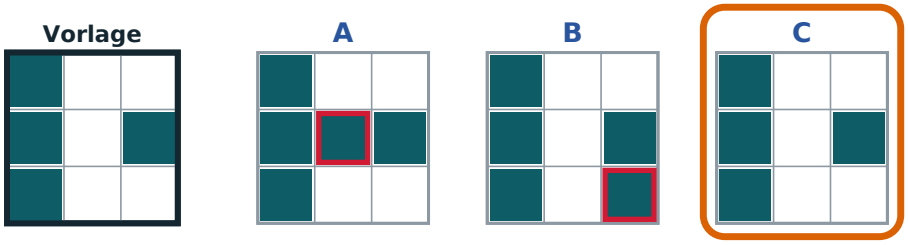
01



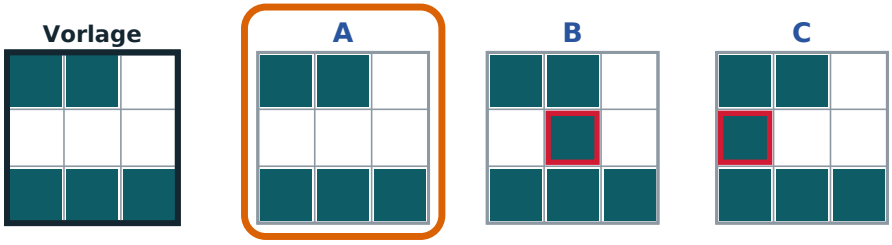
02



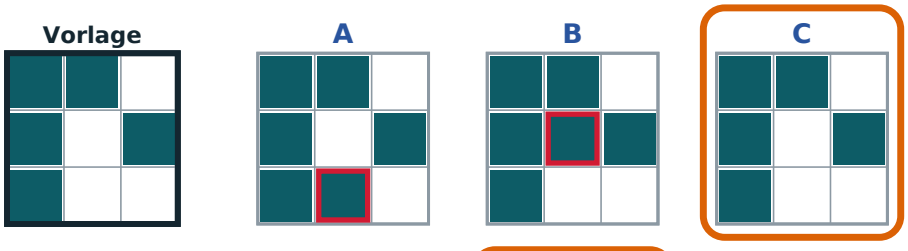
03



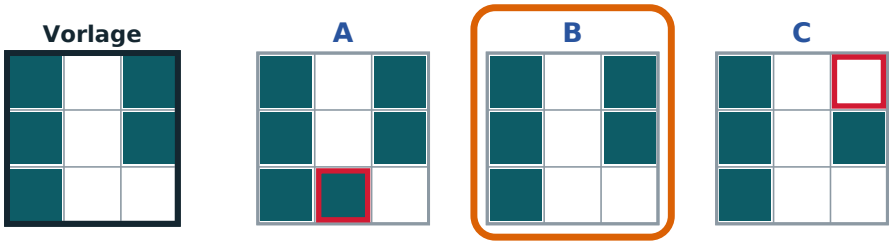
04



05



06



Zwillingskacheln

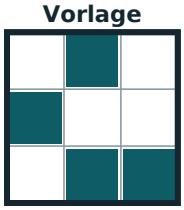
1. Klasse | 2026-11-02 | Arbeitsblatt

Jede Kachel ist ein kleines Gitter aus Kästchen. Ein Kästchen kann leer oder dunkel sein oder einen orangen Punkt haben. Vergleiche Kästchen für Kästchen und finde die Kachel, die wirklich gleich ist. Jede Aufgabe hat genau eine richtige Lösung.

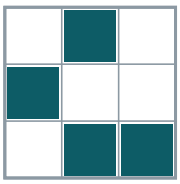
Kreise den genauen Zwilling der Vorlage ein. Bei den anderen ist ein dunkles Kästchen ins Nachbarfeld gerutscht.

01

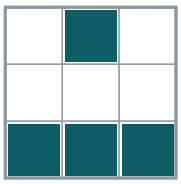
Vorlage



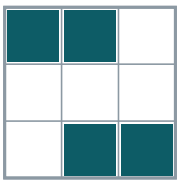
A



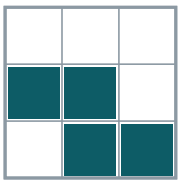
B



C



D

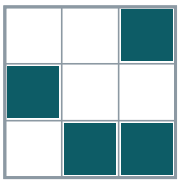


02

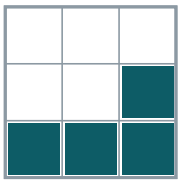
Vorlage



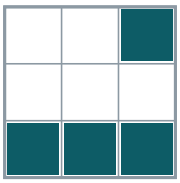
A



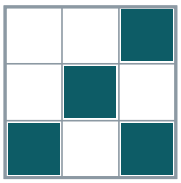
B



C

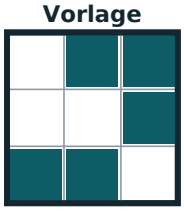


D

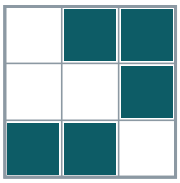


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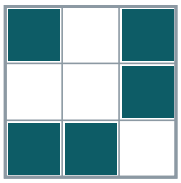
Vorlage



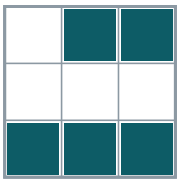
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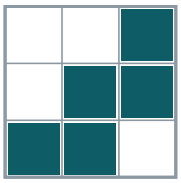
B



C

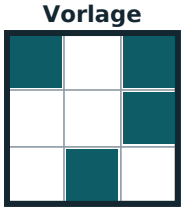


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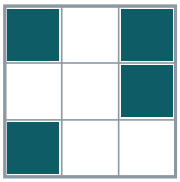


04

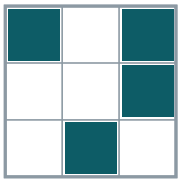
Vorlage



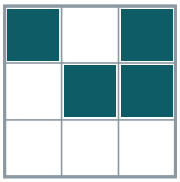
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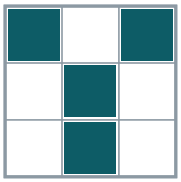
B



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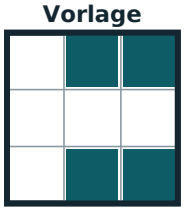


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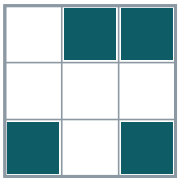


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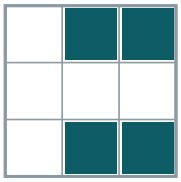
Vorlage



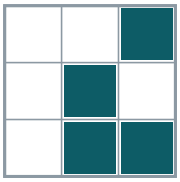
A



B



C

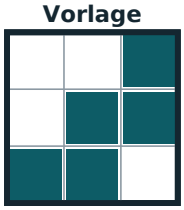


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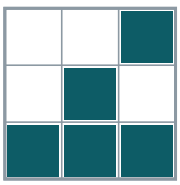


06

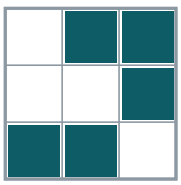
Vorlage



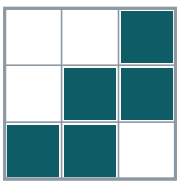
A



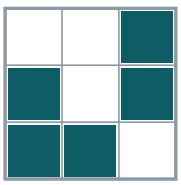
B



C



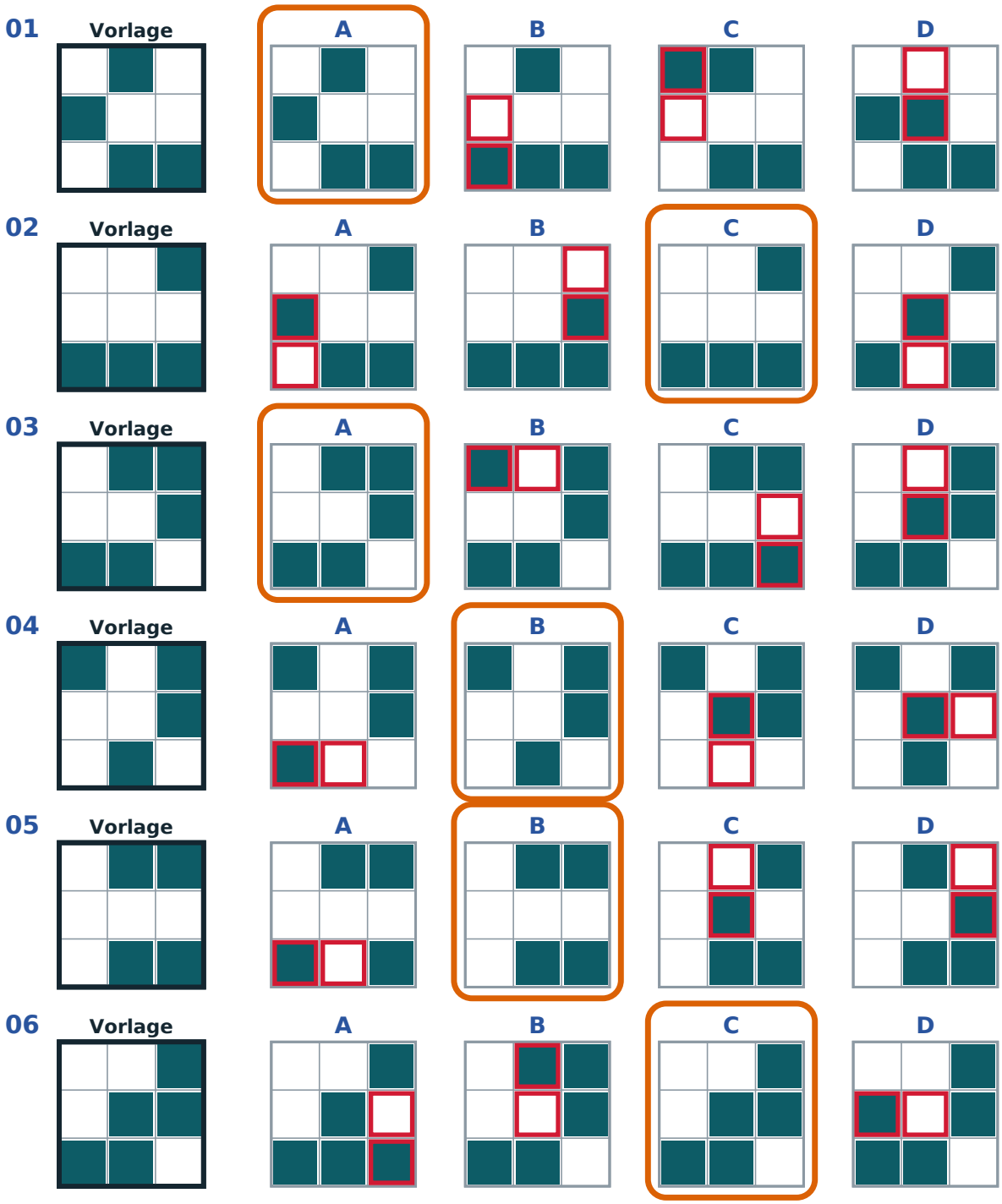
D



Zwillingskacheln

1. Klasse | 2026-11-02 | Lösungen

Orange Ringe zeigen die Lösungen. Rote Rahmen markieren die Kästchen, in denen sich jede falsche Kachel von der Vorlage unterscheidet.



Zwillingskacheln

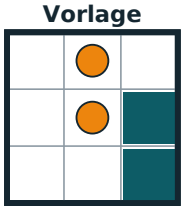
2. Klasse | 2026-11-02 | Arbeitsblatt

Jede Kachel ist ein kleines Gitter aus Kästchen. Ein Kästchen kann leer oder dunkel sein oder einen orangen Punkt haben. Vergleiche Kästchen für Kästchen und finde die Kachel, die wirklich gleich ist. Jede Aufgabe hat genau eine richtige Lösung.

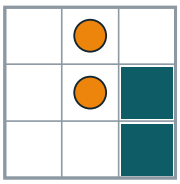
Kästchen können leer, dunkel oder gepunktet sein. Kreise die Kachel ein, die in jedem Kästchen mit der Vorlage übereinstimmt.

01

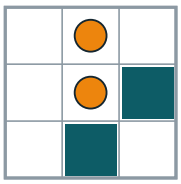
Vorlage



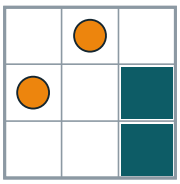
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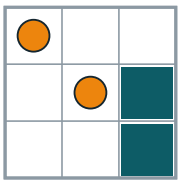
B



C

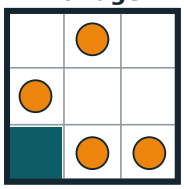


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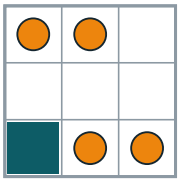


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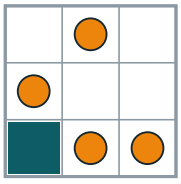
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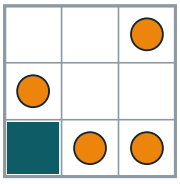
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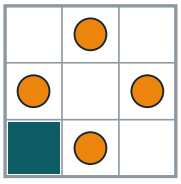
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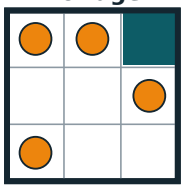


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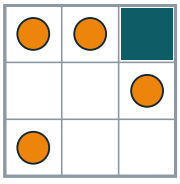


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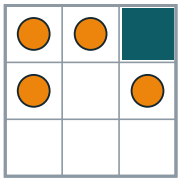
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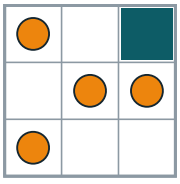
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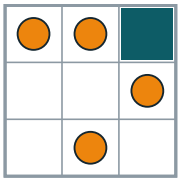
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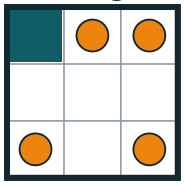


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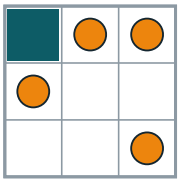


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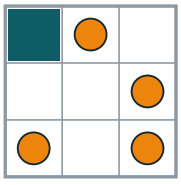
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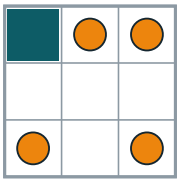
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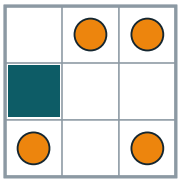
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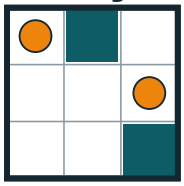


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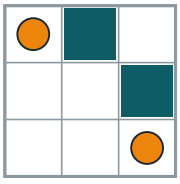


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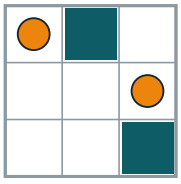
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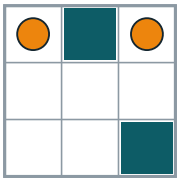
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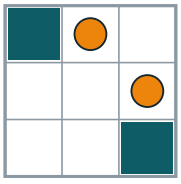
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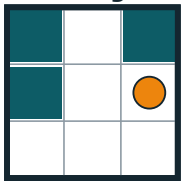


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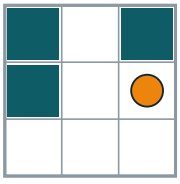


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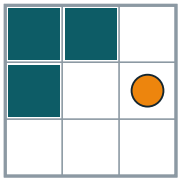
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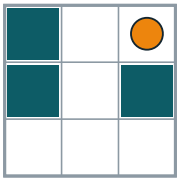
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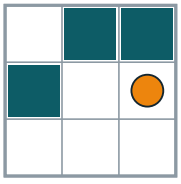
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C



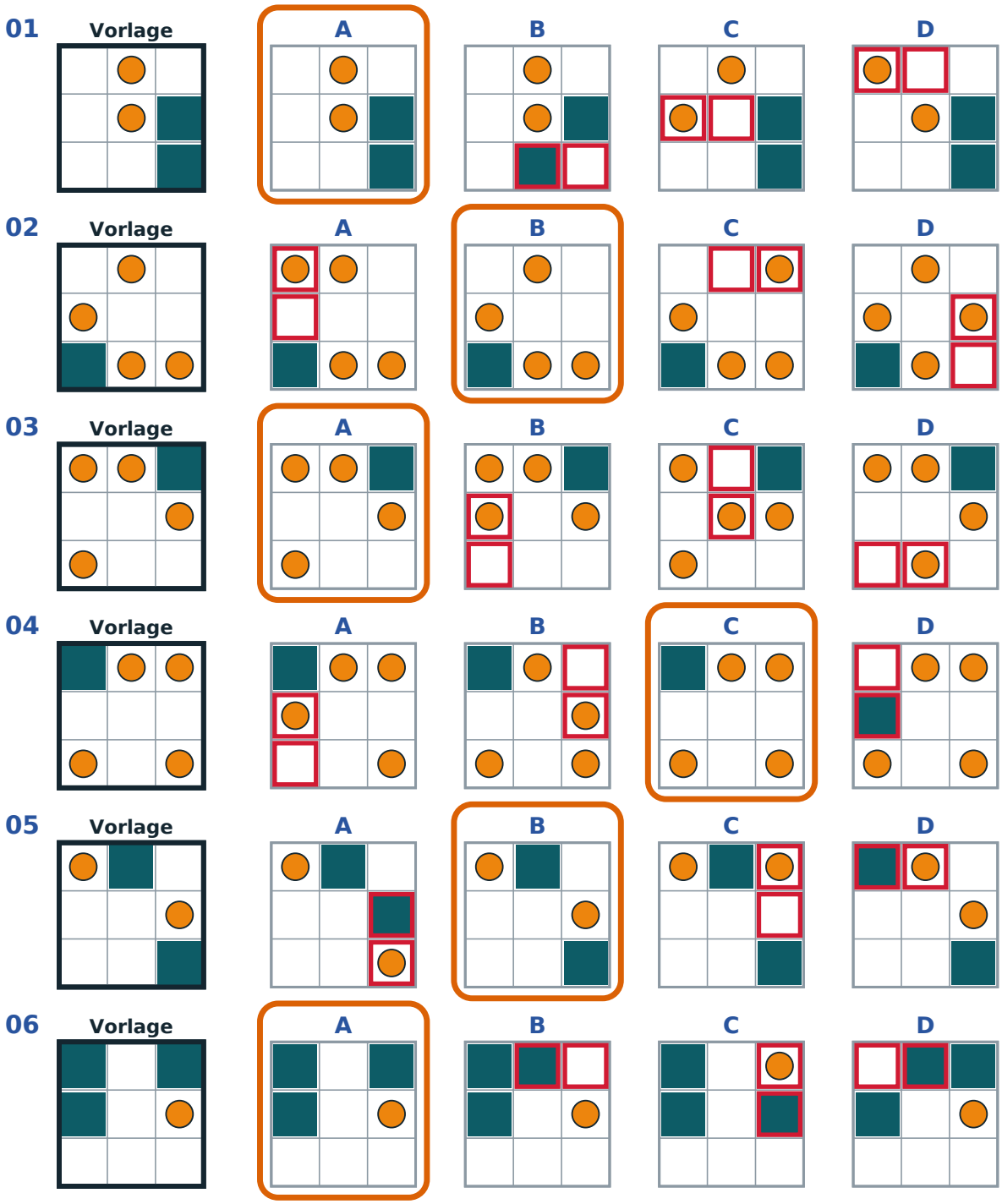
D



Zwillingskacheln

2. Klasse | 2026-11-02 | Lösungen

Orange Ringe zeigen die Lösungen. Rote Rahmen markieren die Kästchen, in denen sich jede falsche Kachel von der Vorlage unterscheidet.



Zwillingskacheln

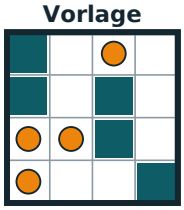
3. Klasse | 2026-11-02 | Arbeitsblatt

Jede Kachel ist ein kleines Gitter aus Kästchen. Ein Kästchen kann leer oder dunkel sein oder einen orangen Punkt haben. Vergleiche Kästchen für Kästchen und finde die Kachel, die wirklich gleich ist. Jede Aufgabe hat genau eine richtige Lösung.

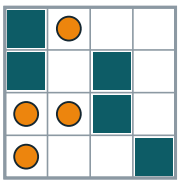
Prüfe die Vorlage Zeile für Zeile. Nur eine Kachel stimmt Kästchen für Kästchen überein; bei den anderen haben zwei benachbarte Kästchen die Plätze getauscht.

01

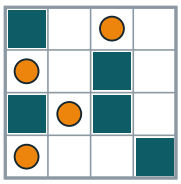
Vorlage



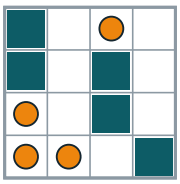
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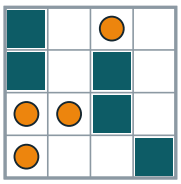
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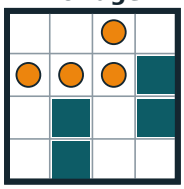


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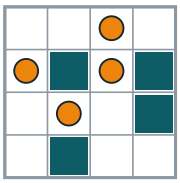


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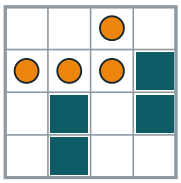
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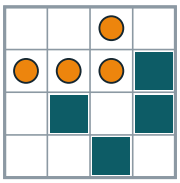
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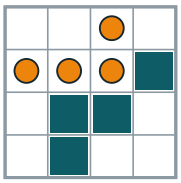
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C

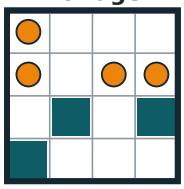


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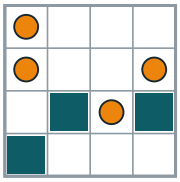


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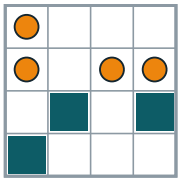
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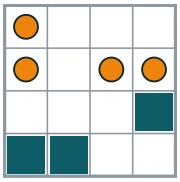
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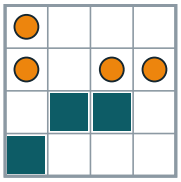
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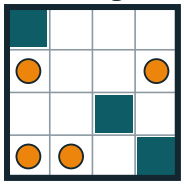


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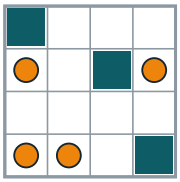


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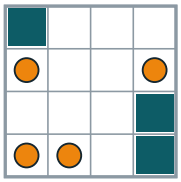
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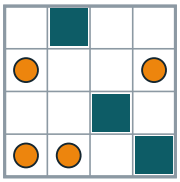
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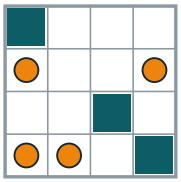
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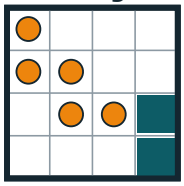


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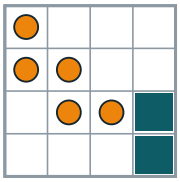


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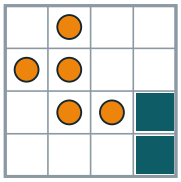
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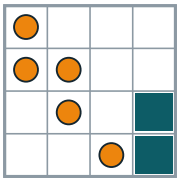
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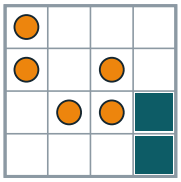
B



C

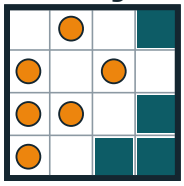


D

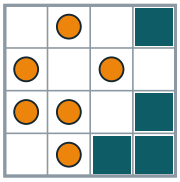


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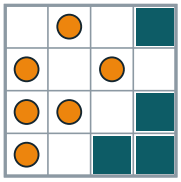
Vorlage



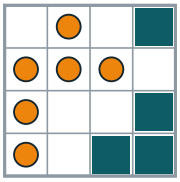
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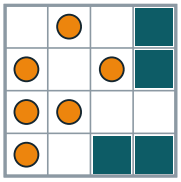
B



C



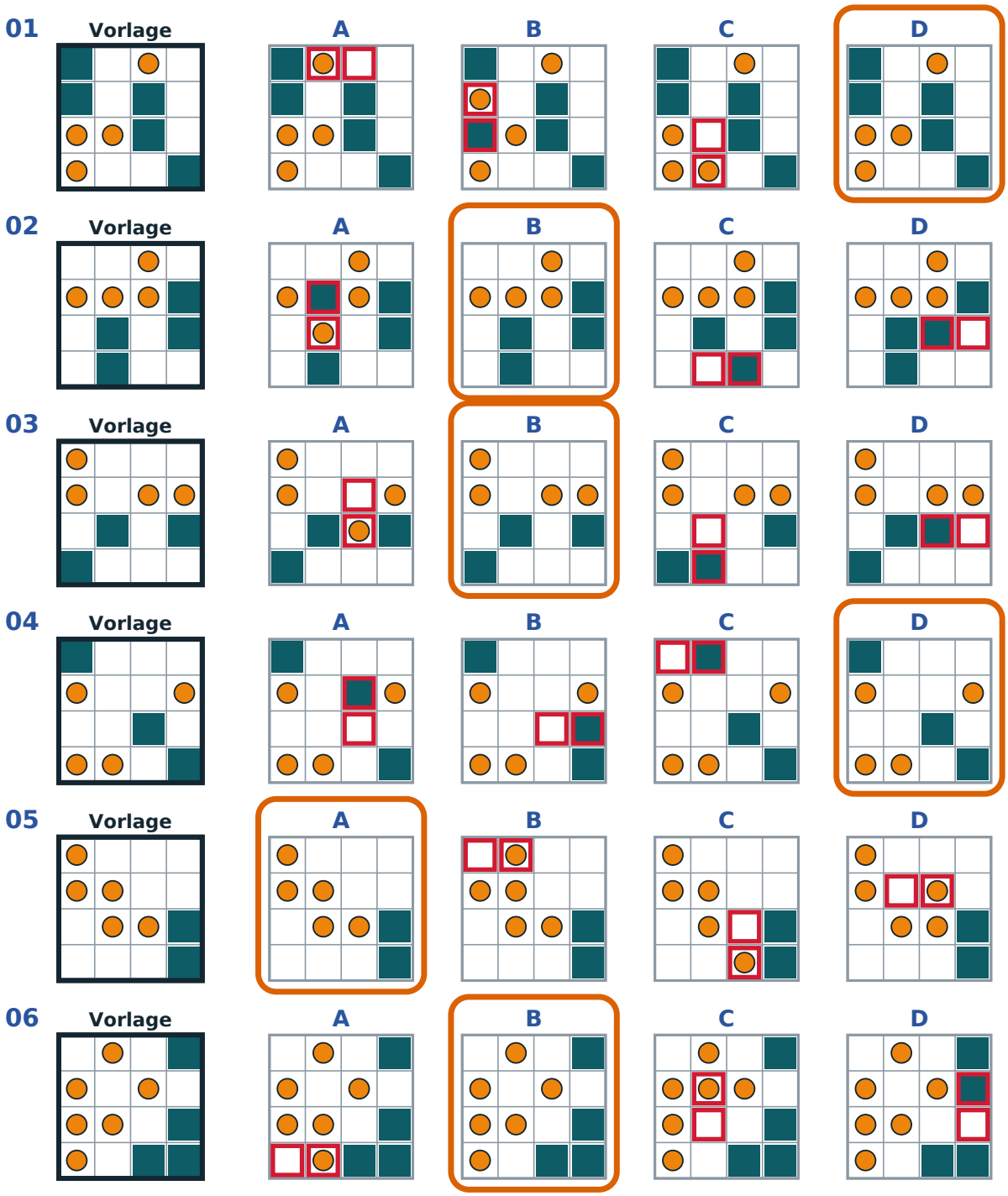
D



Zwillingskacheln

3. Klasse | 2026-11-02 | Lösungen

Orange Ringe zeigen die Lösungen. Rote Rahmen markieren die Kästchen, in denen sich jede falsche Kachel von der Vorlage unterscheidet.



Zwillingskacheln

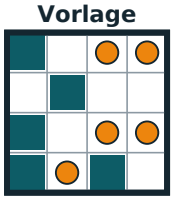
4. Klasse | 2026-11-02 | Arbeitsblatt

Jede Kachel ist ein kleines Gitter aus Kästchen. Ein Kästchen kann leer oder dunkel sein oder einen orangen Punkt haben. Vergleiche Kästchen für Kästchen und finde die Kachel, die wirklich gleich ist. Jede Aufgabe hat genau eine richtige Lösung.

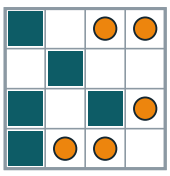
Jetzt gibt es fünf Möglichkeiten. Decke mit einem Papierstreifen alles bis auf eine Zeile ab, vergleiche und schiebe den Streifen weiter. Kreise den genauen Zwilling ein.

01

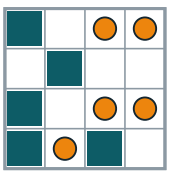
Vorlage



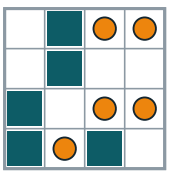
A



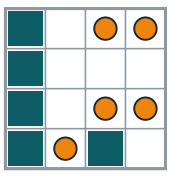
B



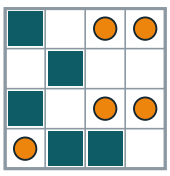
C



D

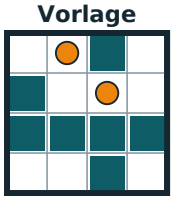


E

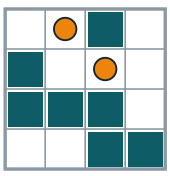


02

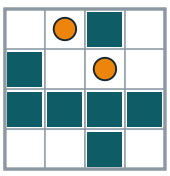
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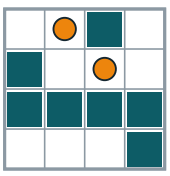
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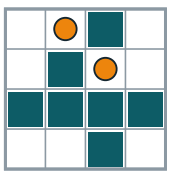
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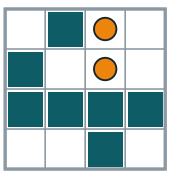
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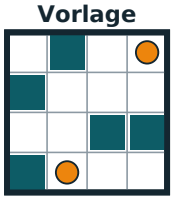


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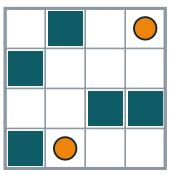


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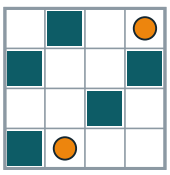
Vorlage



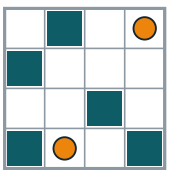
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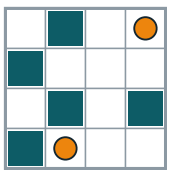
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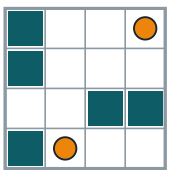
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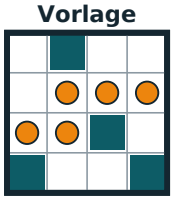


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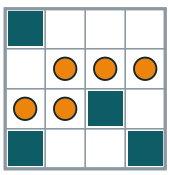


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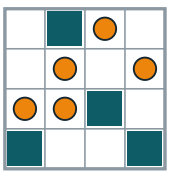
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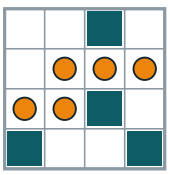
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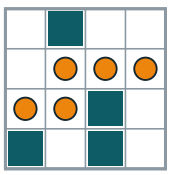
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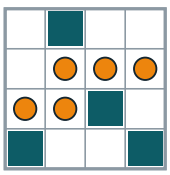
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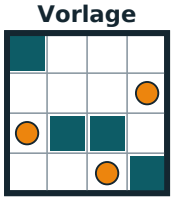


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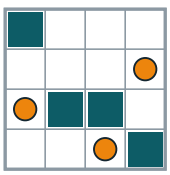


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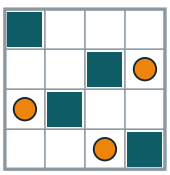
Vorlage



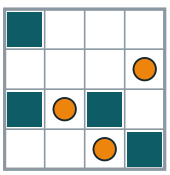
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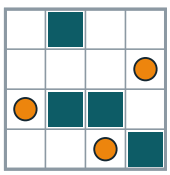
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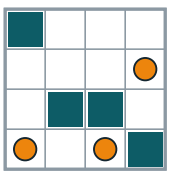
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D

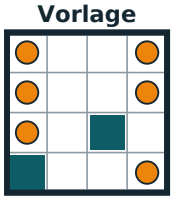


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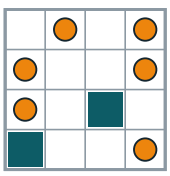


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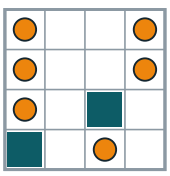
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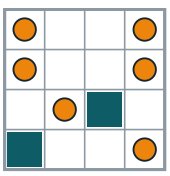
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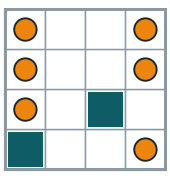
B



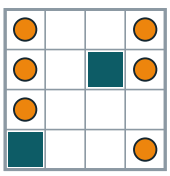
C



D



E

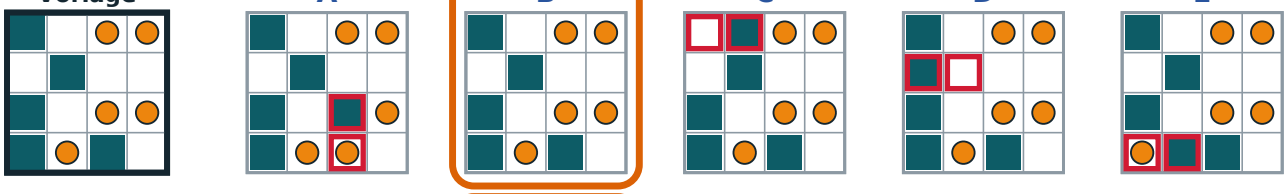


Zwillingskacheln

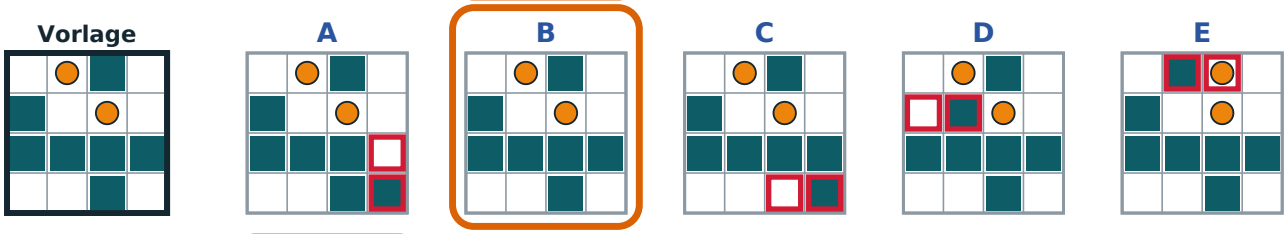
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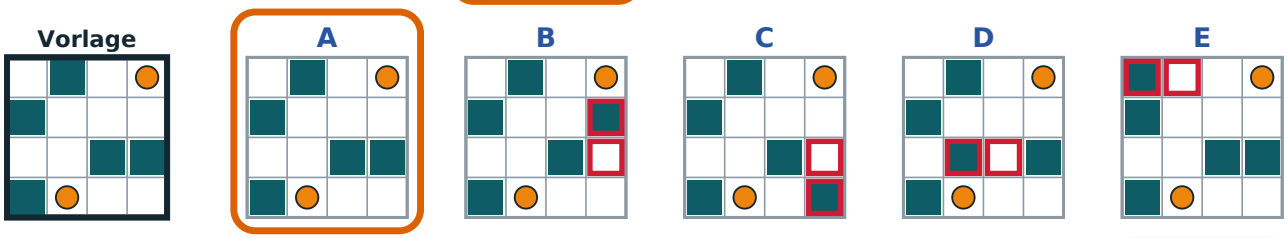
01



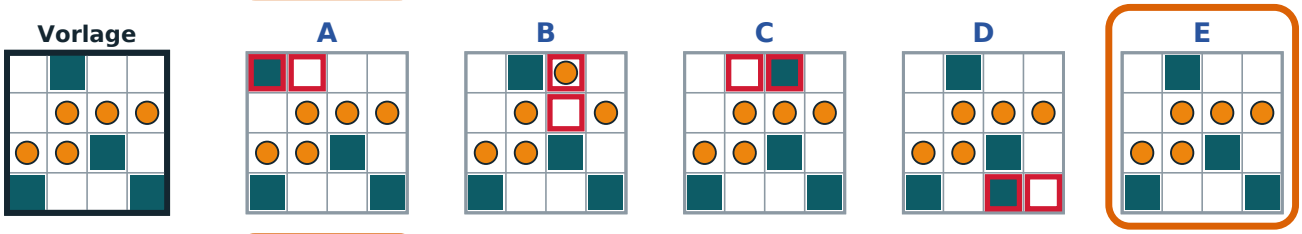
02



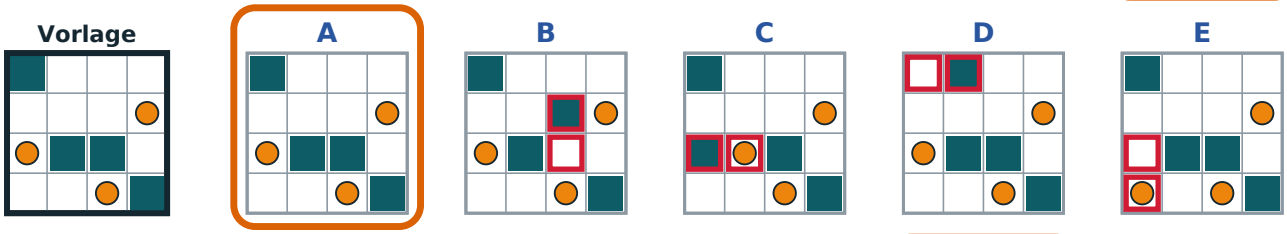
03



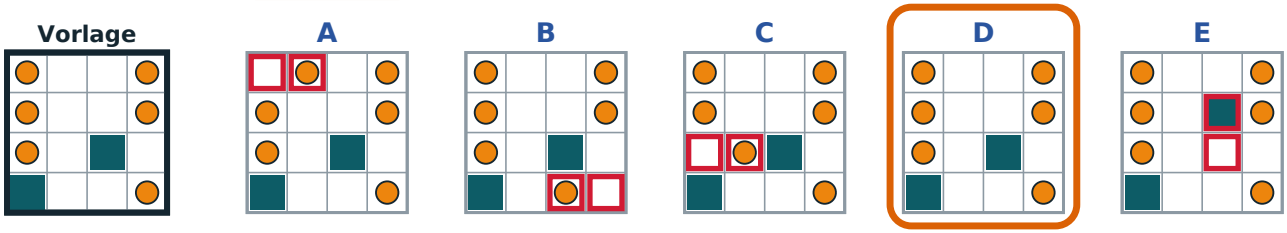
04



05



06



Zwillingskacheln

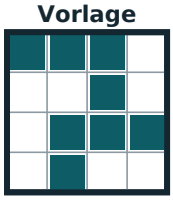
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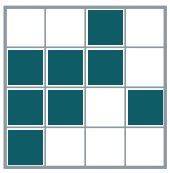
Der Zwilling wurde im Uhrzeigersinn gedreht, aber nie umgeklappt. Kreise ihn ein und schreibe die Drehung auf: 90°, 180° oder 270°.

01

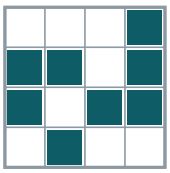
Vorlage



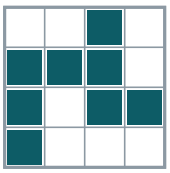
A



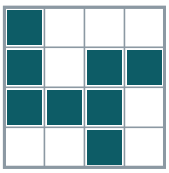
B



C



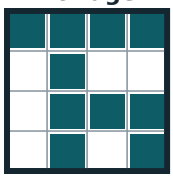
D



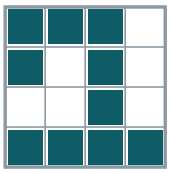
Drehung: _____

02

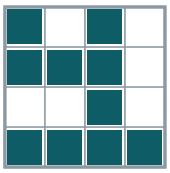
Vorlage



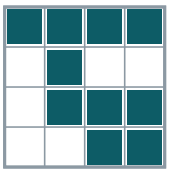
A



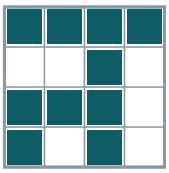
B



C



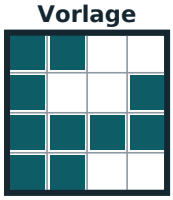
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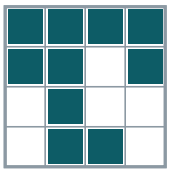
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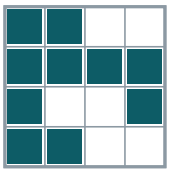
Vorlage



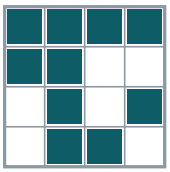
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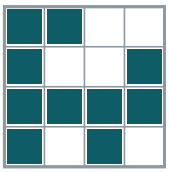
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C



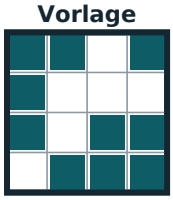
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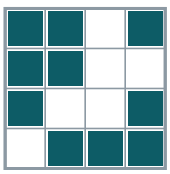
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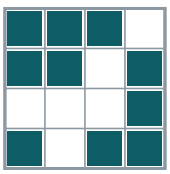
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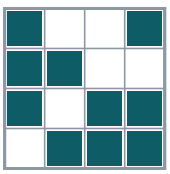
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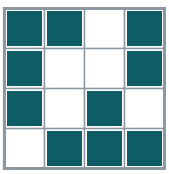
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C



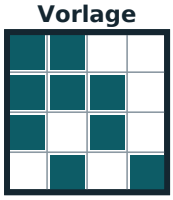
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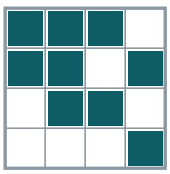
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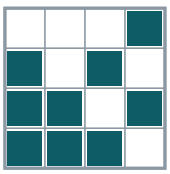
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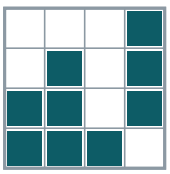
A



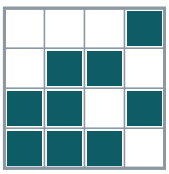
B



C



D



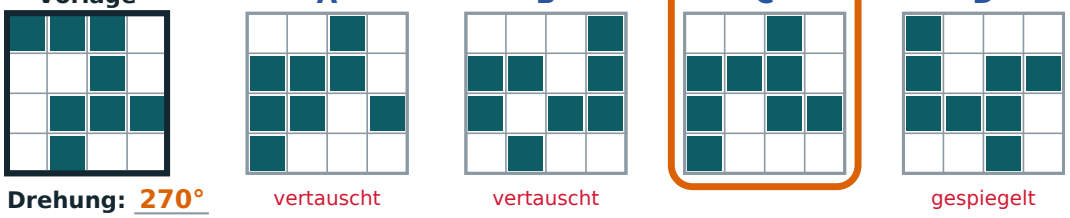
Drehung: _____

Zwillingskacheln

5. Klasse | 2026-11-02 | Lösungen

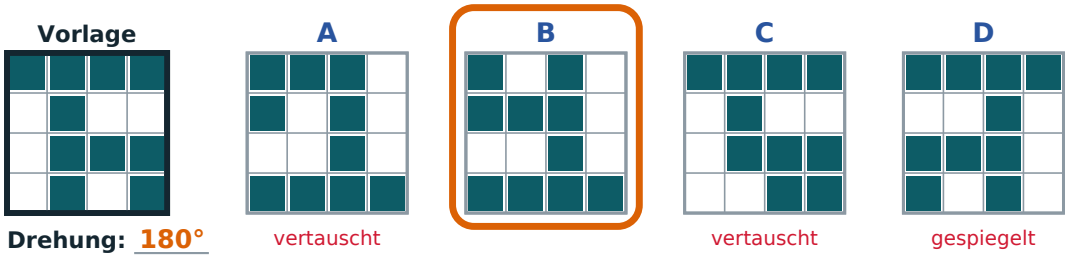
Orange Ringe zeigen die Zwillinge; die Drehung im Uhrzeigersinn steht unter der Vorlage. Rote Hinweise sagen, warum die anderen ausscheiden: gespiegelt = Spiegelbild, vertauscht = zwei Kästchen haben die Plätze getauscht.

01



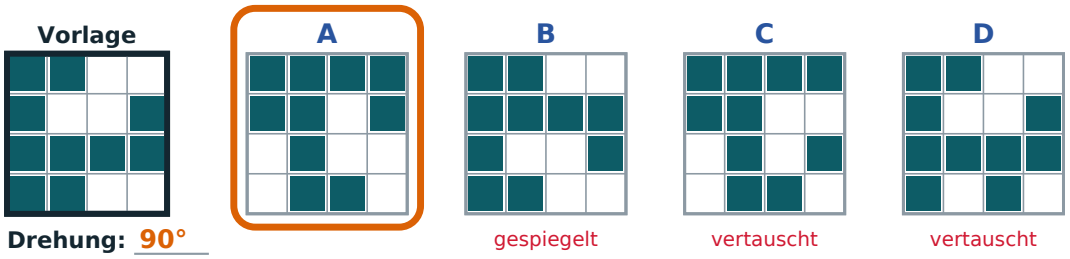
Drehung: 270°

02



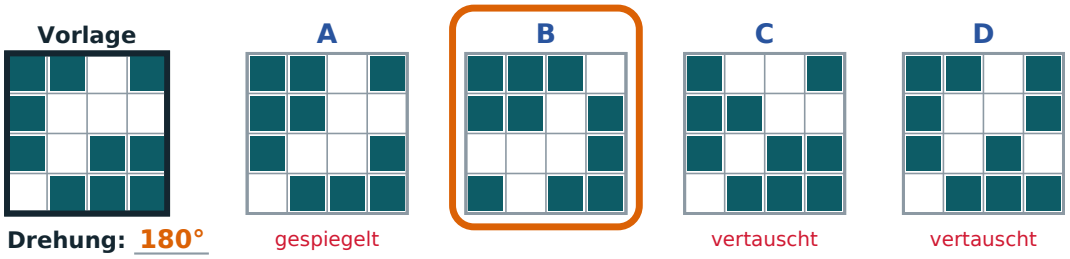
Drehung: 180°

03



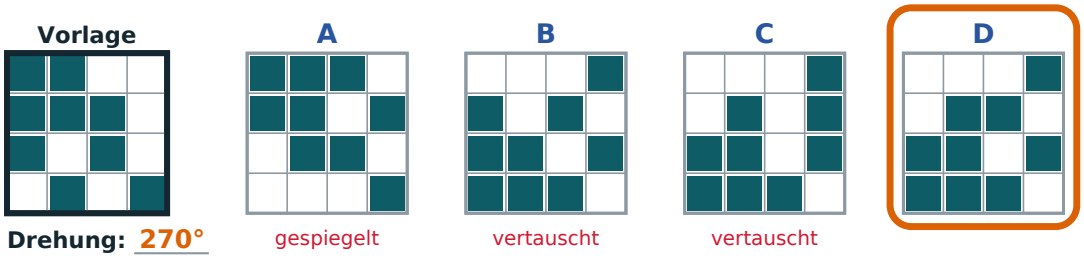
Drehung: 90°

04



Drehung: 180°

05



Drehung: 270°

Zwillingskacheln

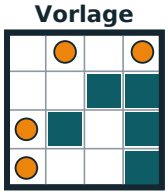
6. Klasse | 2026-11-02 | Arbeitsblatt

Jede Kachel ist ein kleines Gitter aus Kästchen. Ein Kästchen kann leer oder dunkel sein oder einen orangen Punkt haben. Vergleiche Kästchen für Kästchen und finde die Kachel, die wirklich gleich ist. Jede Aufgabe hat genau eine richtige Lösung.

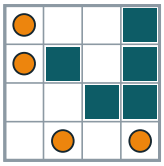
Dieselbe Aufgabe, jetzt mit Punkten. Achtung: Manche Kacheln sind Spiegelbilder, also umgeklappt, und zählen nicht. Kreise den Zwilling ein und schreibe die Drehung im Uhrzeigersinn auf.

01

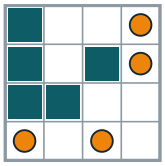
Vorlage



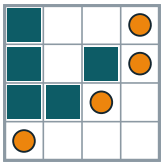
A



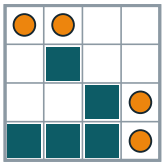
B



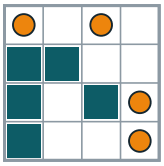
C



D



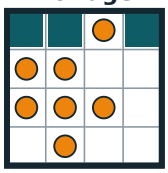
E



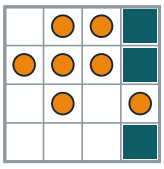
Drehung: _____

02

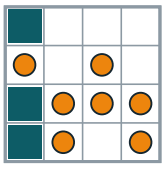
Vorlage



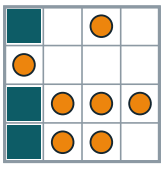
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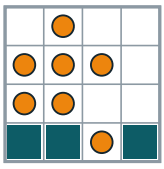
B



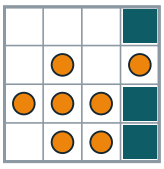
C



D



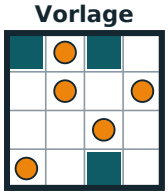
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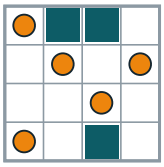
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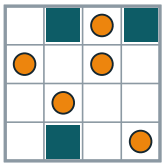
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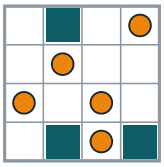
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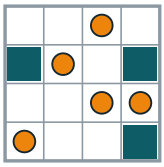
B



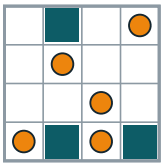
C



D



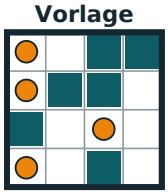
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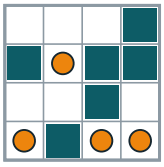
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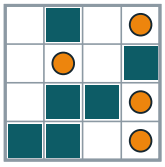
Vorlage



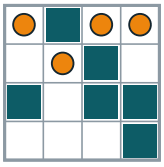
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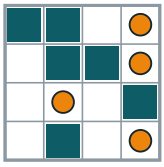
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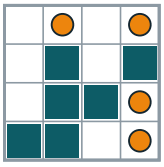
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D



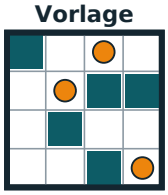
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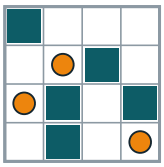
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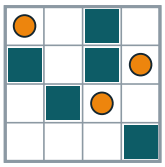
Vorlage



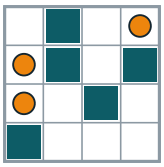
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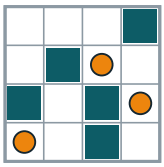
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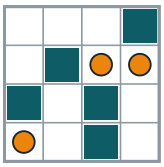
C



D



E



Drehung: _____

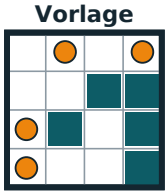
Zwillingskacheln

6. Klasse | 2026-11-02 | Lösungen

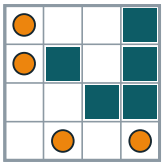
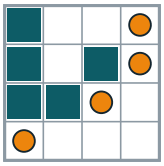
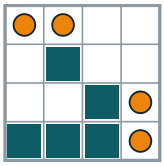
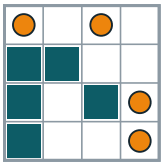
Orange Ringe zeigen die Zwillinge; die Drehung im Uhrzeigersinn steht unter der Vorlage. Rote Hinweise sagen, warum die anderen ausscheiden: gespiegelt = Spiegelbild, vertauscht = zwei Kästchen haben die Plätze getauscht.

01

Vorlage

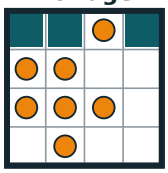


Drehung: **180°**

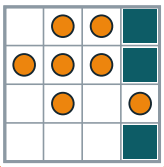
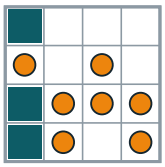
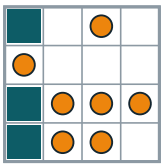
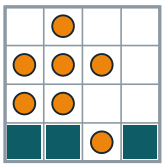
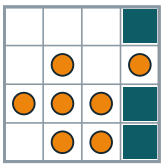
A	B	C	D	E
				
gespiegelt		vertauscht	vertauscht	gespiegelt

02

Vorlage

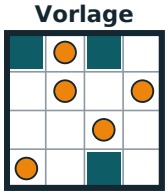


Drehung: **90°**

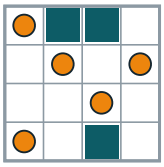
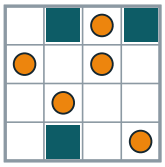
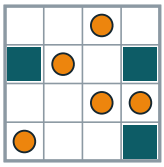
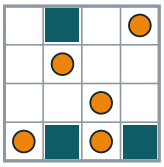
A	B	C	D	E
				
	vertauscht	vertauscht	gespiegelt	gespiegelt

03

Vorlage

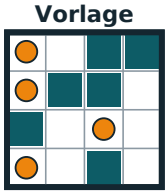


Drehung: **180°**

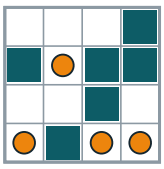
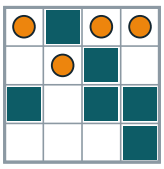
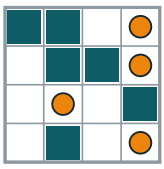
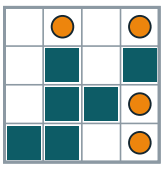
A	B	C	D	E
				
vertauscht	gespiegelt		gespiegelt	vertauscht

04

Vorlage

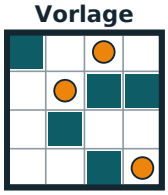


Drehung: **180°**

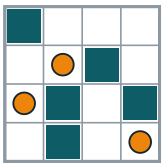
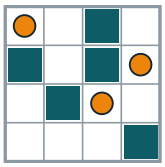
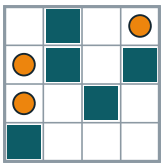
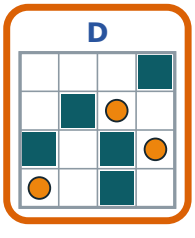
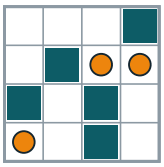
A	B	C	D	E
				
gespiegelt		vertauscht	gespiegelt	vertauscht

05

Vorlage



Drehung: **90°**

A	B	C	D	E
				
gespiegelt	gespiegelt	vertauscht		vertauscht

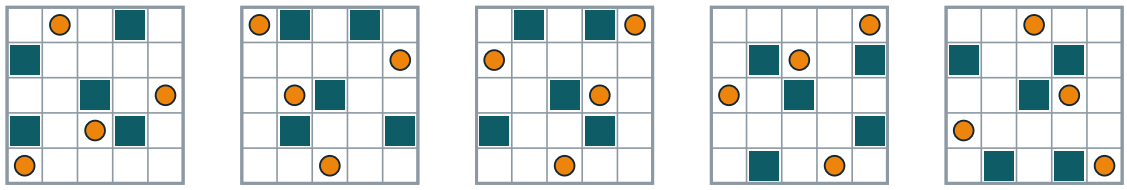
Zwillingskacheln

7. Klasse | 2026-11-02 | Arbeitsblatt

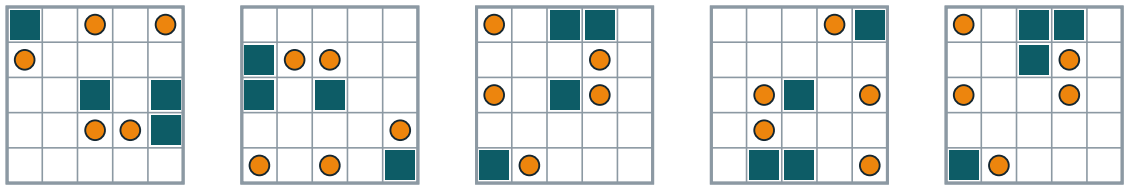
Jede Kachel ist ein kleines Gitter aus Kästchen. Ein Kästchen kann leer oder dunkel sein oder einen orangen Punkt haben. Vergleiche Kästchen für Kästchen und finde die Kachel, die wirklich gleich ist. Jede Aufgabe hat genau eine richtige Lösung.

Vier Kacheln sind dieselbe Kachel, nur verschieden gedreht. Eine passt nicht dazu: Sie wurde umgeklappt, oder zwei Kästchen wurden vertauscht. Kreise sie ein.

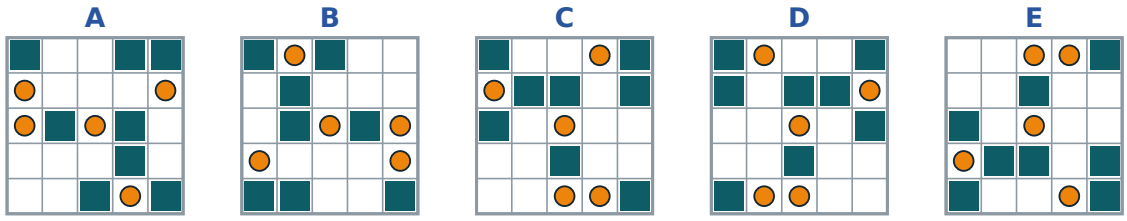
01



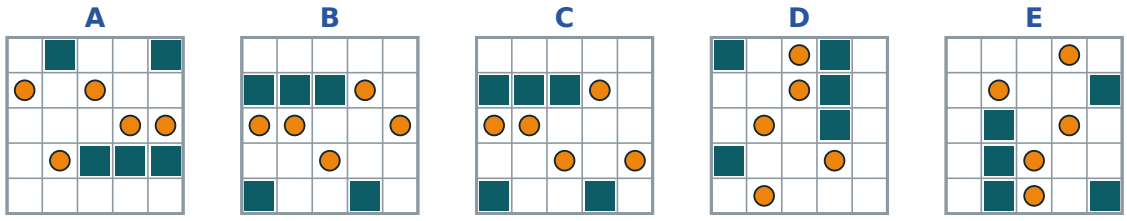
02



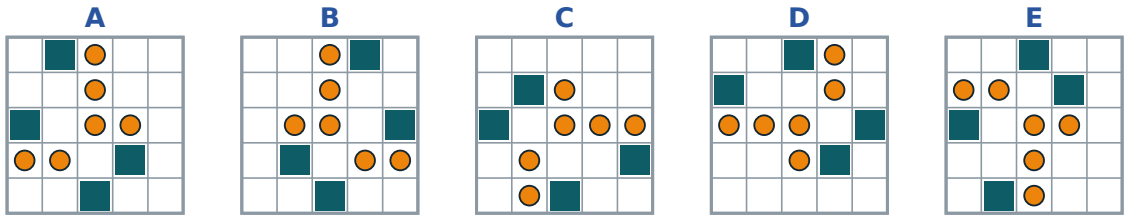
03



04



05

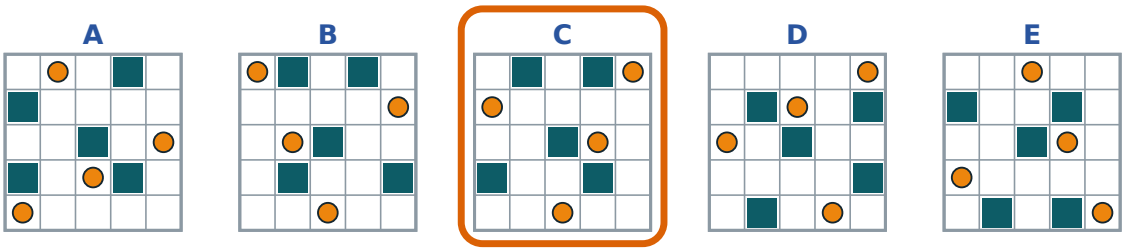


Zwillingskacheln

7. Klasse | 2026-11-02 | Lösungen

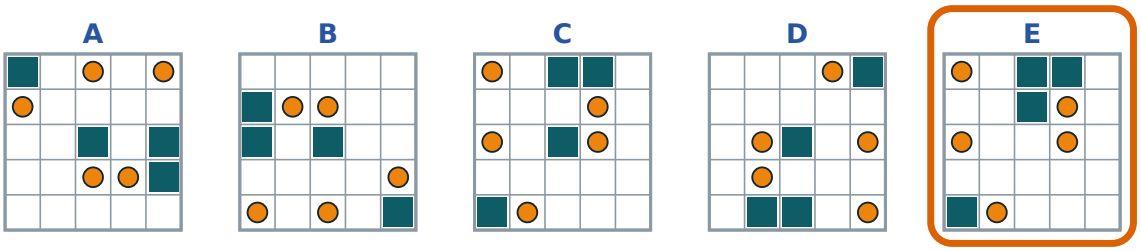
Der orange Ring zeigt die Kachel, die nicht passt. Der rote Hinweis nennt den Grund: gespiegelt = Spiegelbild der anderen, vertauscht = zwei Kästchen haben die Plätze getauscht.

01 A B **C** D E



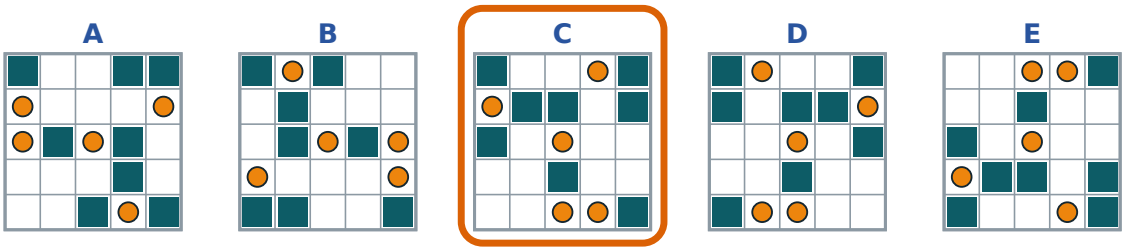
gespiegelt

02 A B C D **E**



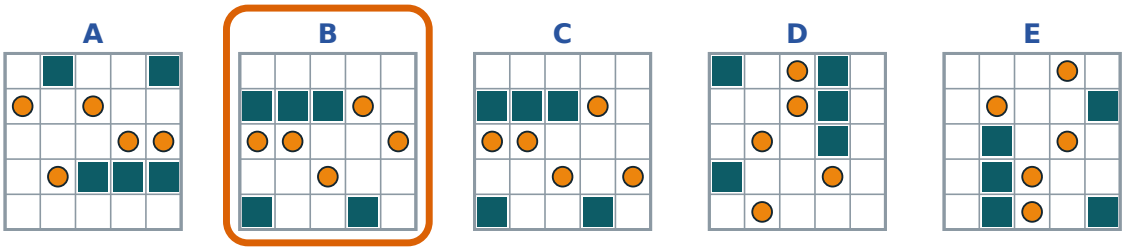
vertauscht

03 A B **C** D E



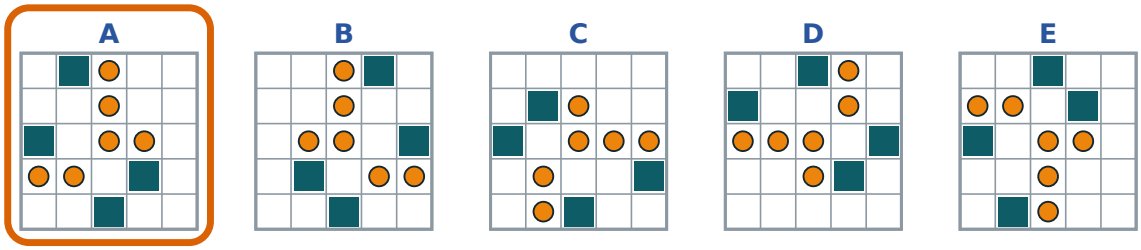
gespiegelt

04 A **B** C D E



vertauscht

05 **A** B C D E



gespiegelt

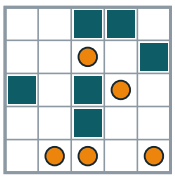
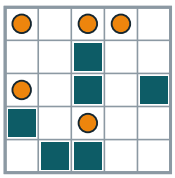
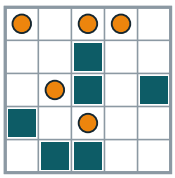
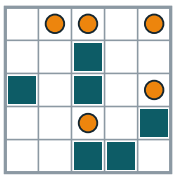
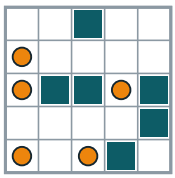
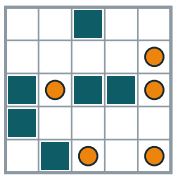
Zwillingskacheln

8. Klasse | 2026-11-02 | Arbeitsblatt

Jede Kachel ist ein kleines Gitter aus Kästchen. Ein Kästchen kann leer oder dunkel sein oder einen orangen Punkt haben. Vergleiche Kästchen für Kästchen und finde die Kachel, die wirklich gleich ist. Jede Aufgabe hat genau eine richtige Lösung.

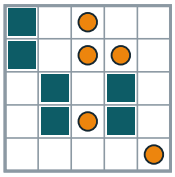
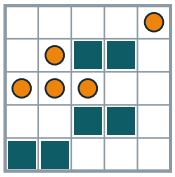
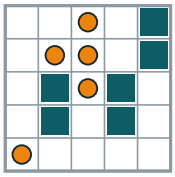
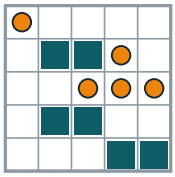
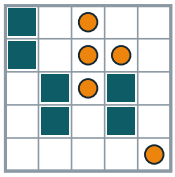
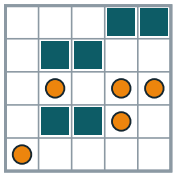
Die sechs Kacheln bilden drei Paare. In einem Paar ist die eine Kachel die andere, nur gedreht und nie umgeklappt. Schreibe die drei Paare auf, zum Beispiel A–D.

01

A  B  C  D  E  F 

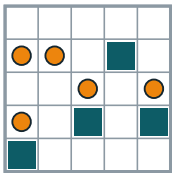
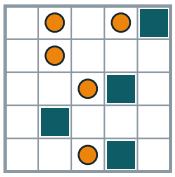
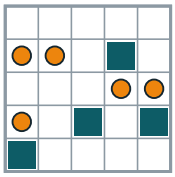
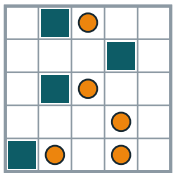
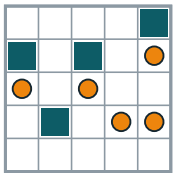
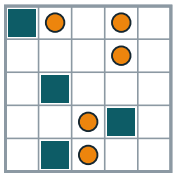
Paare: _____ _____ _____

02

A  B  C  D  E  F 

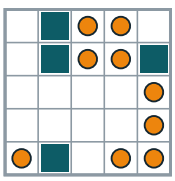
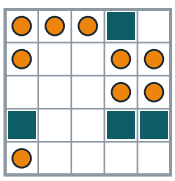
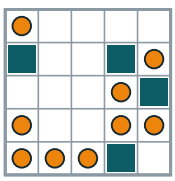
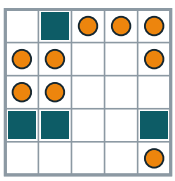
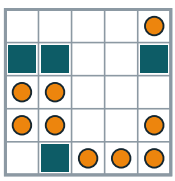
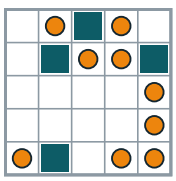
Paare: _____ _____ _____

03

A  B  C  D  E  F 

Paare: _____ _____ _____

04

A  B  C  D  E  F 

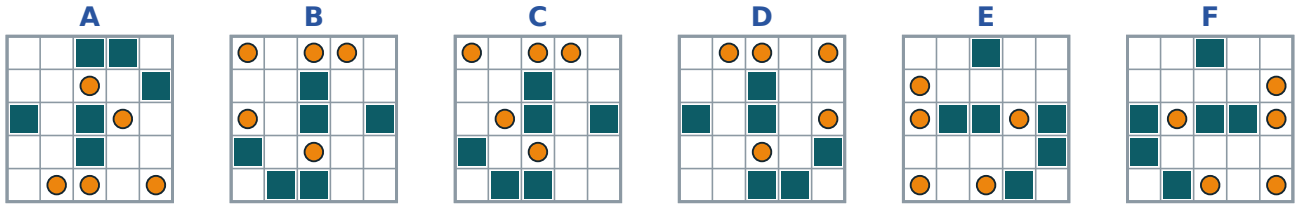
Paare: _____ _____ _____

Zwillingskacheln

8. Klasse | 2026-11-02 | Lösungen

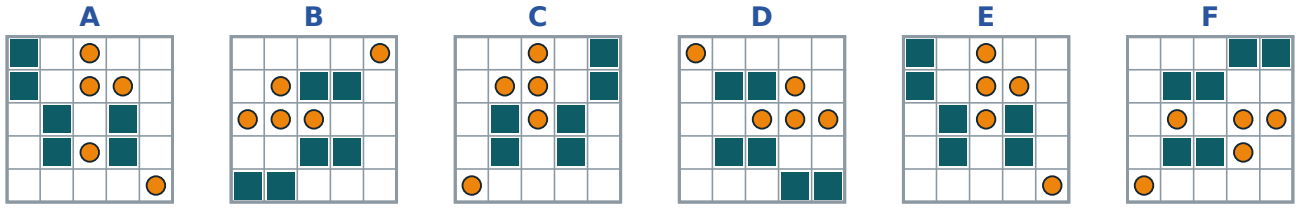
Die orangen Buchstaben zeigen die drei Paare; die Reihenfolge ist egal. Kacheln aus verschiedenen Paaren lassen sich nicht durch Drehen zur Deckung bringen: Ein Paar ist das Spiegelbild eines anderen, und im dritten wurden zwei Kästchen vertauscht.

01



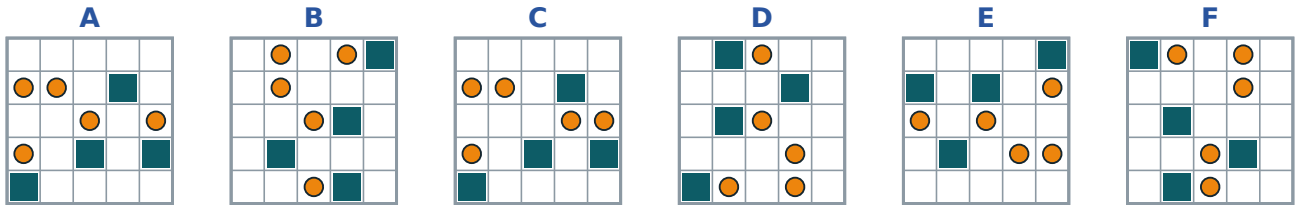
Paare: A–C B–E D–F

02



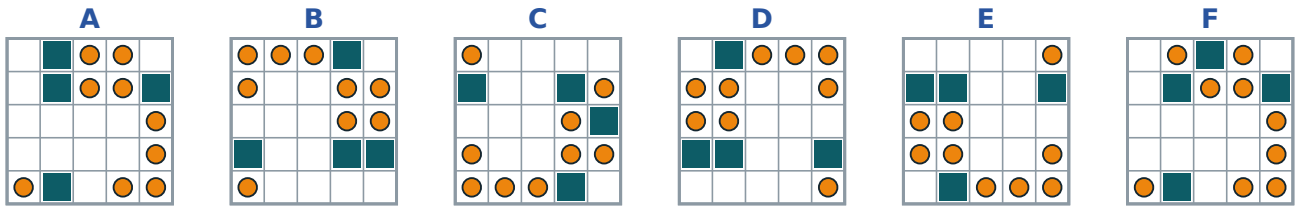
Paare: A–F B–E C–D

03



Paare: A–E B–D C–F

04



Paare: A–D B–E C–F