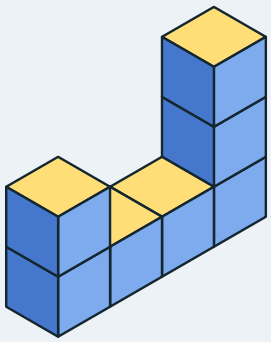
Torri di cubi

Scuola dell’infanzia | 2026-11-07 | Scheda

Un adulto può leggere ad alta voce. Ogni disegno è un muretto di cubi messi in una sola fila. Tocca ogni cubo mentre lo conti, poi cerchia il numero.

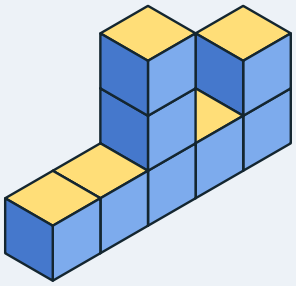
Conta i cubi di ogni muretto e cerchia il numero giusto.

1



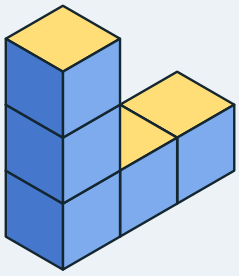
A 7 B 9 C 11

2



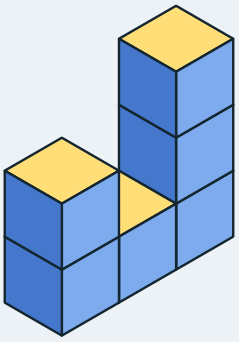
A 6 B 8 C 12

3



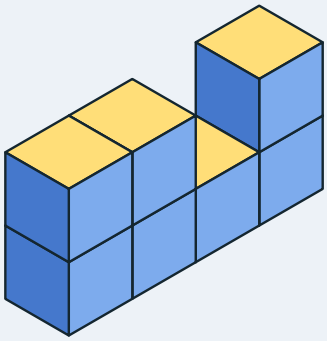
A 9 B 5 C 8

4



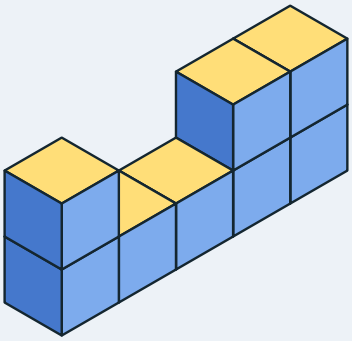
A 7 B 6 C 10

5



A 5 B 7 C 10

6



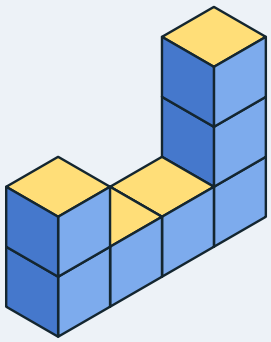
A 11 B 7 C 8

Torri di cubi

Scuola dell’infanzia | 2026-11-07 | Soluzioni

Il cerchio indica il numero giusto di cubi.

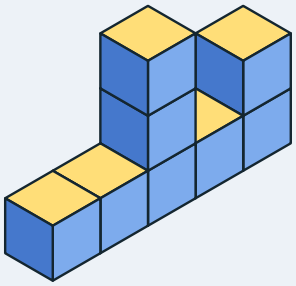
1



A 7 B 9 C 11

2 + 1 + 1 + 3 = 7

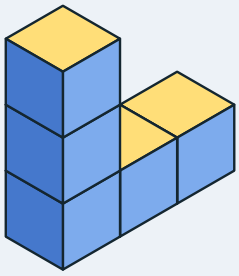
2



A 6 **B 8** C 12

1 + 1 + 3 + 1 + 2 = 8

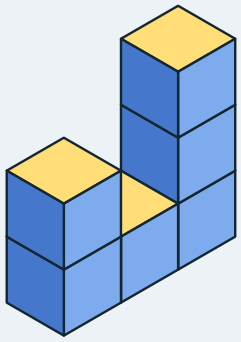
3



A 9 **B 5** C 8

3 + 1 + 1 = 5

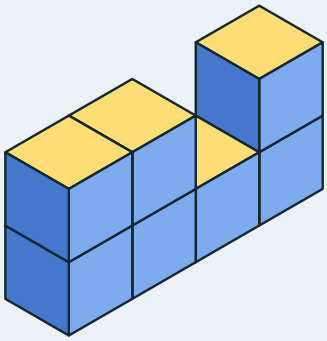
4



A 7 **B 6** C 10

2 + 1 + 3 = 6

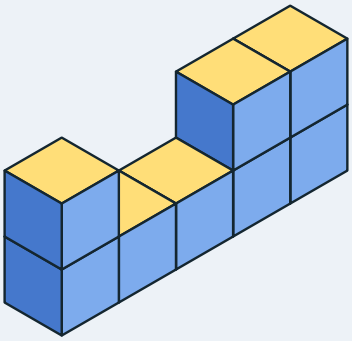
5



A 5 **B 7** C 10

2 + 2 + 1 + 2 = 7

6



A 11 B 7 **C 8**

2 + 1 + 1 + 2 + 2 = 8

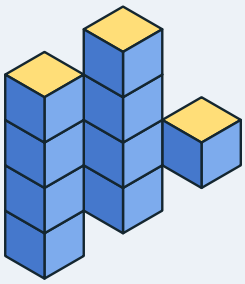
Torri di cubi

1ª primaria | 2026-11-07 | Scheda

Ogni cubo poggia sul tavolo o su un altro cubo; nessuno resta sospeso. Alcuni cubi sono nascosti dietro o sotto altri, ma il disegno mostra esattamente come è costruito il solido. Osserva con attenzione, conta nell'ordine che preferisci e cerchia una risposta per ogni problema.

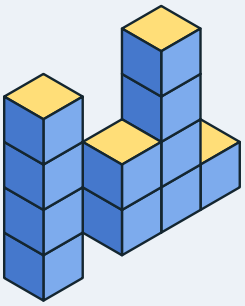
Conta tutti i cubi, anche quelli delle torri separate. Cerchia il numero giusto.

1



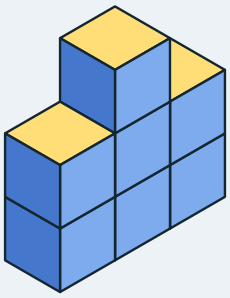
A 9 B 12 C 7

2



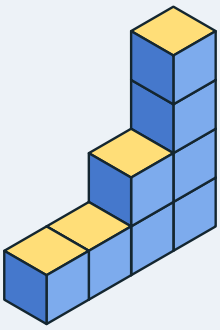
A 13 B 15 C 11

3



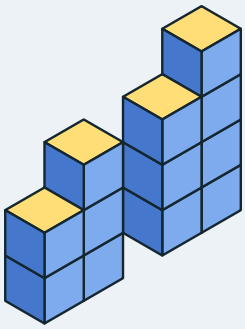
A 7 B 6 C 10

4



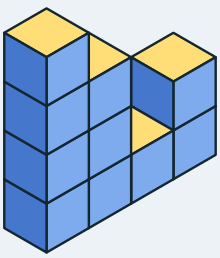
A 9 B 8 C 5

5



A 12 B 10 C 9

6



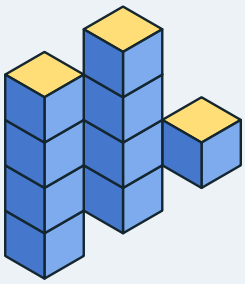
A 10 B 8 C 12

Torri di cubi

1ª primaria | 2026-11-07 | Soluzioni

Il cerchio indica la risposta. Il calcolo somma l’altezza di ogni torre.

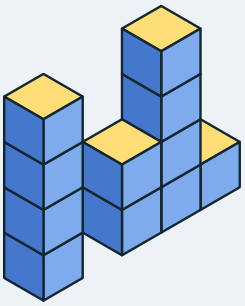
1



A 9 B 12 C 7

4 + 4 + 1 = 9

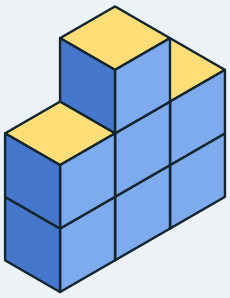
2



A 13 B 15 **C 11**

4 + 2 + 4 + 1 = 11

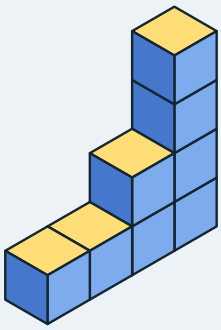
3



A 7 B 6 C 10

2 + 3 + 2 = 7

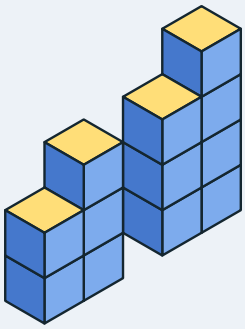
4



A 9 **B 8** C 5

1 + 1 + 2 + 4 = 8

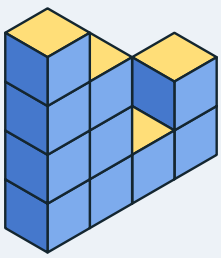
5



A 12 B 10 C 9

2 + 3 + 3 + 4 = 12

6



A 10 B 8 C 12

4 + 3 + 1 + 2 = 10

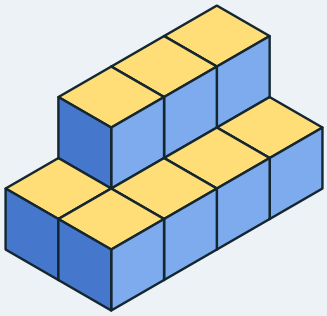
Torri di cubi

2ª primaria | 2026-11-07 | Scheda

Ogni cubo poggia sul tavolo o su un altro cubo; nessuno resta sospeso. Alcuni cubi sono nascosti dietro o sotto altri, ma il disegno mostra esattamente come è costruito il solido. Osserva con attenzione, conta nell'ordine che preferisci e cerchia una risposta per ogni problema.

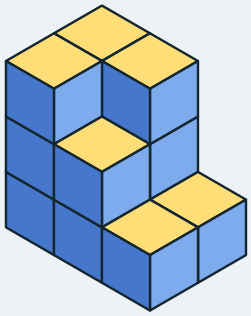
Conta tutti i cubi, anche quelli nascosti sotto i cubi di sopra. Cerchia il numero giusto.

1



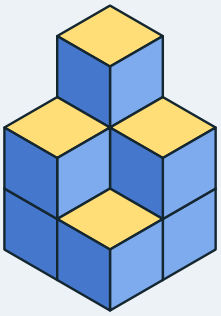
A 11 B 8 C 15 D 12

2



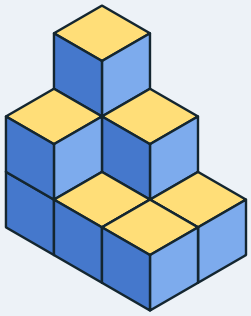
A 13 B 17 C 16 D 11

3



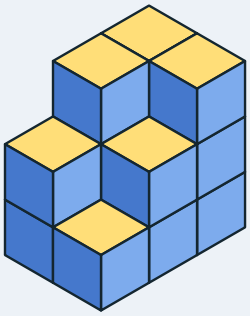
A 11 B 10 C 8 D 7

4



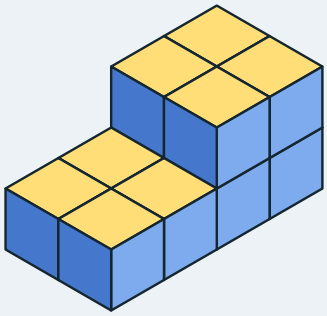
A 8 B 14 C 7 D 10

5



A 15 B 17 C 13 D 14

6



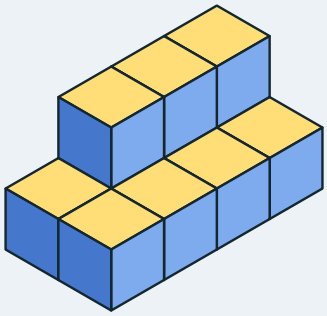
A 10 B 9 C 12 D 14

Torri di cubi

2ª primaria | 2026-11-07 | Soluzioni

Il cerchio indica la risposta. Il calcolo somma l’altezza di ogni pila, cubi nascosti compresi.

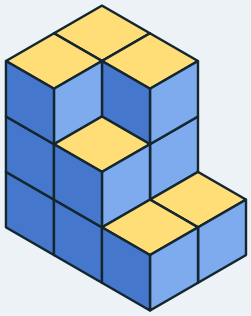
1



A 11 B 8 C 15 D 12

1 + 1 + 1 + 1 + 1 + 2 + 2 + 2 = 11

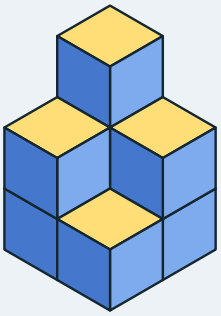
2



A 13 B 17 C 16 D 11

1 + 1 + 2 + 3 + 3 + 3 = 13

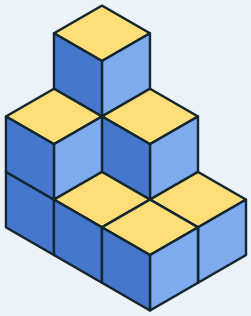
3



A 11 B 10 **C 8** D 7

1 + 2 + 2 + 3 = 8

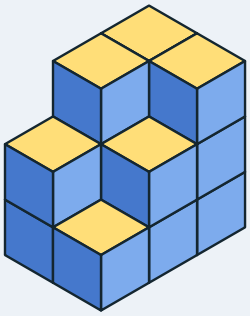
4



A 8 B 14 C 7 **D 10**

1 + 1 + 1 + 2 + 2 + 3 = 10

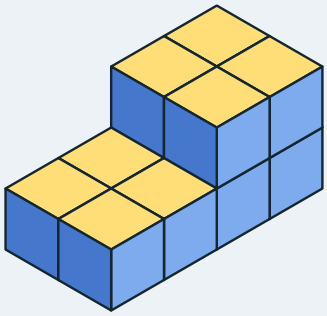
5



A 15 B 17 C 13 **D 14**

1 + 2 + 3 + 2 + 3 + 3 = 14

6



A 10 B 9 **C 12** D 14

1 + 1 + 2 + 2 + 1 + 1 + 2 + 2 = 12

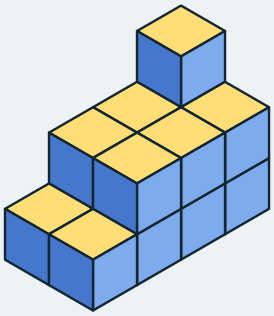
Torri di cubi

3ª primaria | 2026-11-07 | Scheda

Ogni cubo poggia sul tavolo o su un altro cubo; nessuno resta sospeso. Alcuni cubi sono nascosti dietro o sotto altri, ma il disegno mostra esattamente come è costruito il solido. Osserva con attenzione, conta nell'ordine che preferisci e cerchia una risposta per ogni problema.

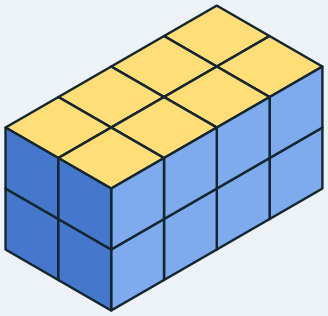
Questi solidi sono più grandi. Conta pila per pila: quanti cubi è alta ogni pila? Somma e cerchia il totale.

1



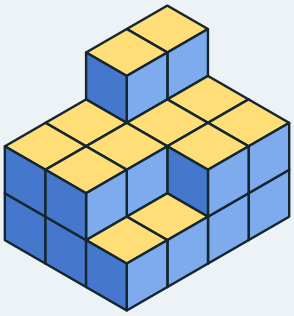
A 17 B 15 C 12 D 14

2



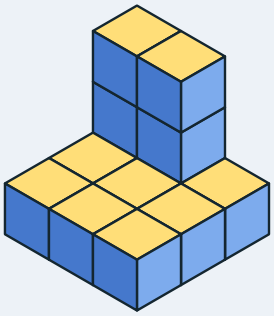
A 20 B 17 C 13 D 16

3



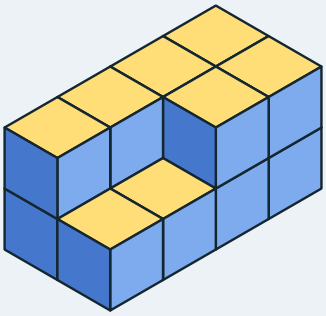
A 28 B 23 C 24 D 27

4



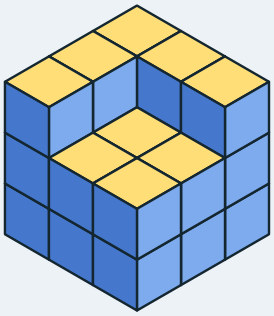
A 11 B 17 C 14 D 13

5



A 11 B 16 C 14 D 12

6



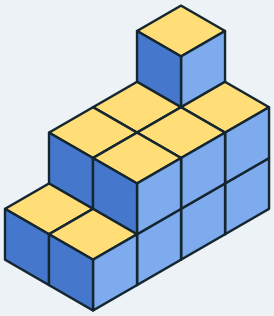
A 26 B 21 C 23 D 20

Torri di cubi

3ª primaria | 2026-11-07 | Soluzioni

Il cerchio indica la risposta. Il calcolo somma l’altezza di ogni pila, fila per fila partendo dal davanti.

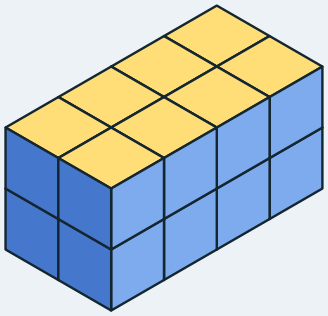
1



A 17 **B 15** C 12 D 14

1 + 2 + 2 + 2 + 1 + 2 + 2 + 3 = 15

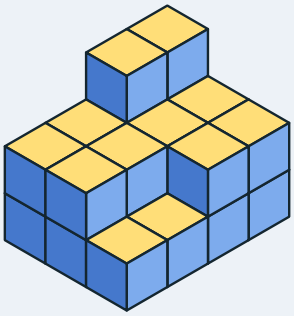
2



A 20 B 17 C 13 **D 16**

2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = 16

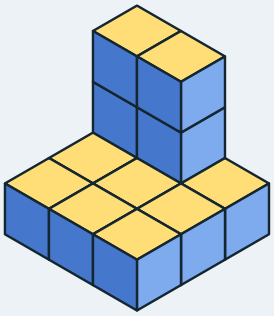
3



A 28 B 23 **C 24** D 27

1 + 1 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 3 + 3 = 24

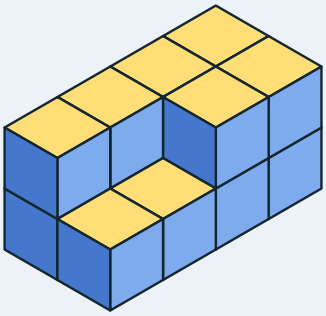
4



A 11 B 17 C 14 **D 13**

1 + 1 + 1 + 1 + 1 + 3 + 1 + 1 + 3 = 13

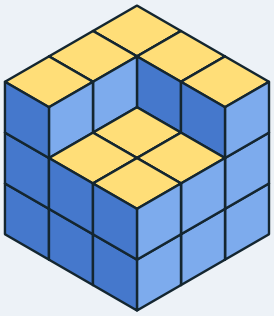
5



A 11 B 16 **C 14** D 12

1 + 1 + 2 + 2 + 2 + 2 + 2 + 2 = 14

6



A 26 B 21 **C 23** D 20

2 + 2 + 3 + 2 + 2 + 3 + 3 + 3 + 3 = 23

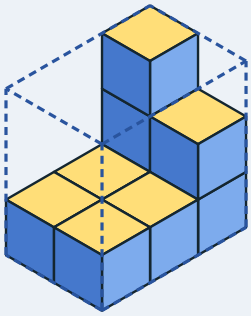
Torri di cubi

4ª primaria | 2026-11-07 | Scheda

Ogni cubo poggia sul tavolo o su un altro cubo; nessuno resta sospeso. Alcuni cubi sono nascosti dietro o sotto altri, ma il disegno mostra esattamente come è costruito il solido. Osserva con attenzione, conta nell'ordine che preferisci e cerchia una risposta per ogni problema.

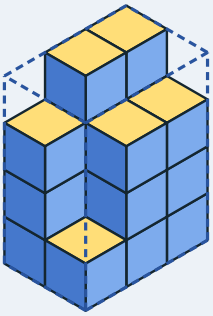
La scatola tratteggiata è un blocco pieno di cubi; la sua misura è scritta nell'angolo. Quanti cubi servono ancora per riempirla del tutto?

1 3 × 2 × 3



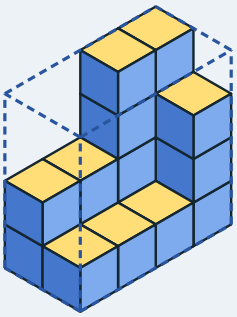
A 13 B 9 C 10 D 11

2 3 × 2 × 4



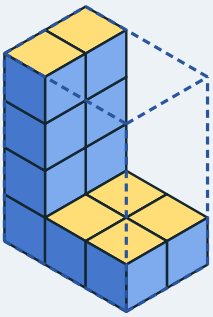
A 10 B 7 C 9 D 6

3 4 × 2 × 4



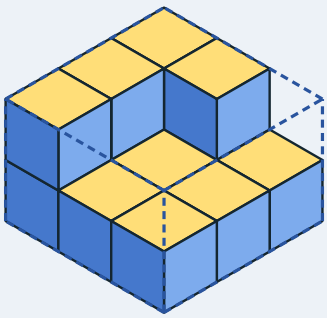
A 17 B 12 C 15 D 14

4 2 × 3 × 4



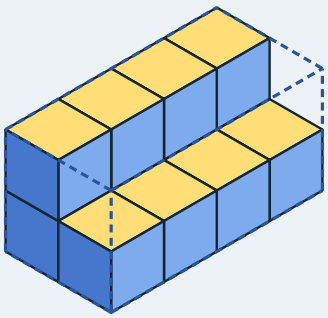
A 10 B 13 C 12 D 16

5 3 × 3 × 2



A 7 B 9 C 5 D 2

6 4 × 2 × 2



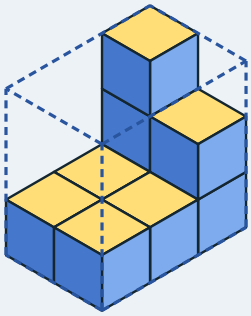
A 4 B 7 C 5 D 1

Torri di cubi

4ª primaria | 2026-11-07 | Soluzioni

Il cerchio indica la risposta: i cubi della scatola piena meno i cubi già presenti.

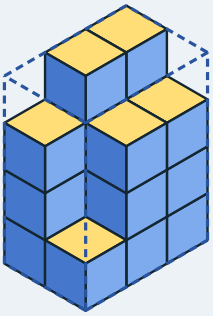
1 3 × 2 × 3



A 13 **B 9** C 10 D 11

3 × 2 × 3 = 18, 18 − 9 = 9

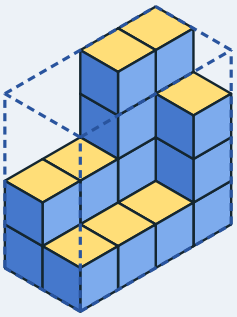
2 3 × 2 × 4



A 10 B 7 C 9 **D 6**

3 × 2 × 4 = 24, 24 − 18 = 6

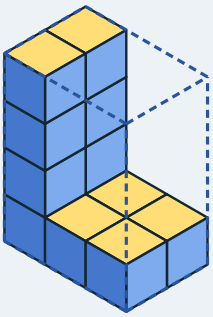
3 4 × 2 × 4



A 17 B 12 C 15 **D 14**

4 × 2 × 4 = 32, 32 − 18 = 14

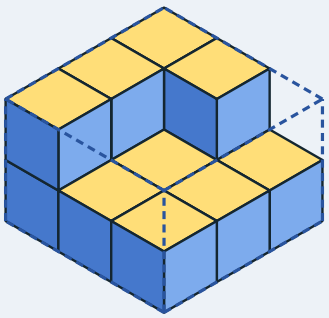
4 2 × 3 × 4



A 10 B 13 **C 12** D 16

2 × 3 × 4 = 24, 24 − 12 = 12

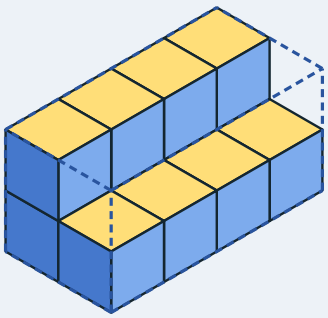
5 3 × 3 × 2



A 7 B 9 **C 5** D 2

3 × 3 × 2 = 18, 18 − 13 = 5

6 4 × 2 × 2



A 4 B 7 C 5 D 1

4 × 2 × 2 = 16, 16 − 12 = 4

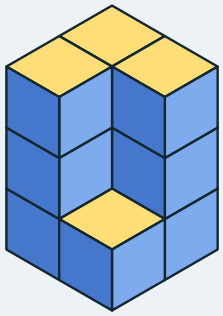
Torri di cubi

5ª primaria | 2026-11-07 | Scheda

Ogni cubo poggia sul tavolo o su un altro cubo; nessuno resta sospeso. Alcuni cubi sono nascosti dietro o sotto altri, ma il disegno mostra esattamente come è costruito il solido. Osserva con attenzione, conta nell'ordine che preferisci e cerchia una risposta per ogni problema.

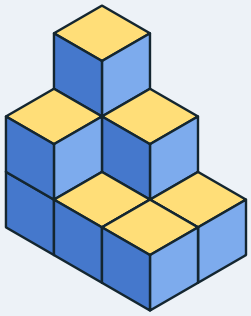
Conta le facce quadrate esterne del solido, comprese quelle di sotto. Suggerimento: conta ciò che vedi dall'alto, di fronte e di lato, poi raddoppia il totale.

1



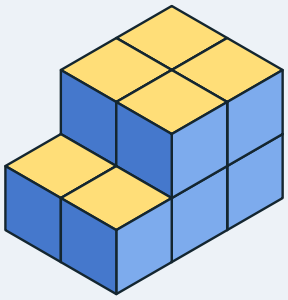
A 36 **B** 31 **C** 30 **D** 32

2



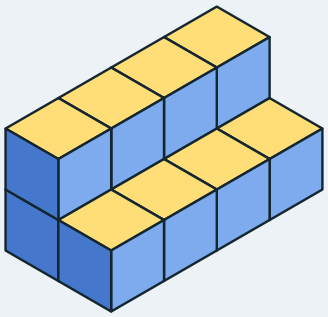
A 33 **B** 35 **C** 34 **D** 32

3



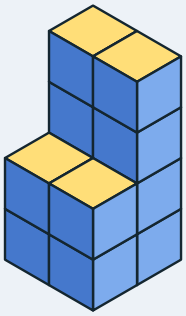
A 31 **B** 27 **C** 34 **D** 30

4



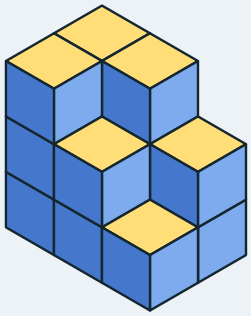
A 35 **B** 39 **C** 38 **D** 37

5



A 36 **B** 35 **C** 33 **D** 37

6



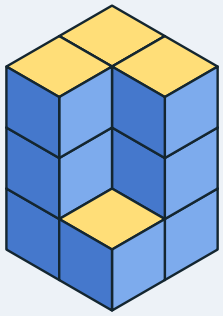
A 41 **B** 40 **C** 42 **D** 38

Torri di cubi

5ª primaria | 2026-11-07 | Soluzioni

Il cerchio indica la risposta: 2 × (quadrati visti dall’alto + di fronte + di lato).

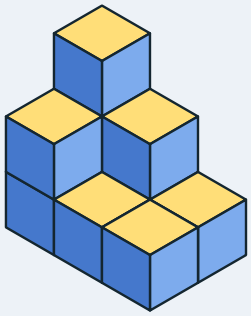
1



A 36 B 31 C 30 **D 32**

2 × (4 + 6 + 6) = 32

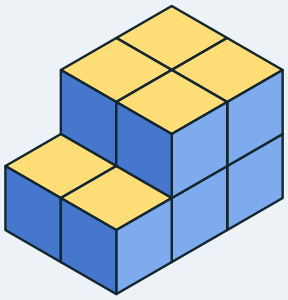
2



A 33 B 35 **C 34** D 32

2 × (6 + 5 + 6) = 34

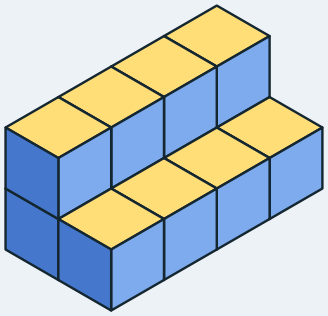
3



A 31 B 27 C 34 **D 30**

2 × (6 + 5 + 4) = 30

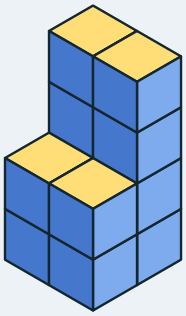
4



A 35 B 39 **C 38** D 37

2 × (8 + 8 + 3) = 38

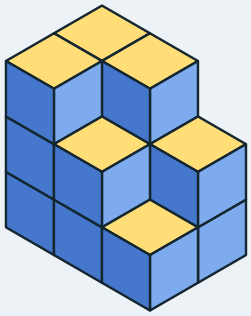
5



A 36 B 35 C 33 D 37

2 × (4 + 6 + 8) = 36

6



A 41 **B 40** C 42 D 38

2 × (6 + 6 + 8) = 40

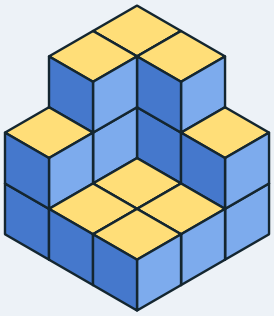
Torri di cubi

1ª media | 2026-11-07 | Scheda

Ogni cubo poggia sul tavolo o su un altro cubo; nessuno resta sospeso. Alcuni cubi sono nascosti dietro o sotto altri, ma il disegno mostra esattamente come è costruito il solido. Osserva con attenzione, conta nell'ordine che preferisci e cerchia una risposta per ogni problema.

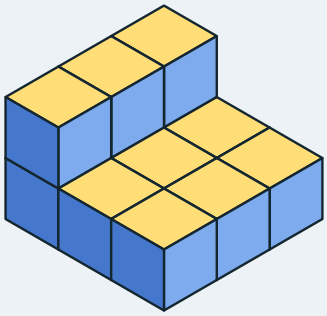
Il solido è appoggiato sul tavolo e viene dipinto dappertutto, tranne sotto. Quante facce quadrate vengono dipinte?

1



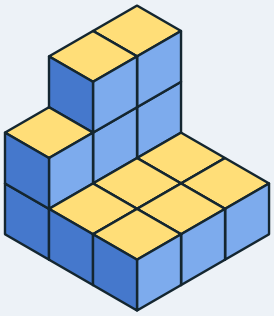
A 41 B 44 C 45 D 43

2



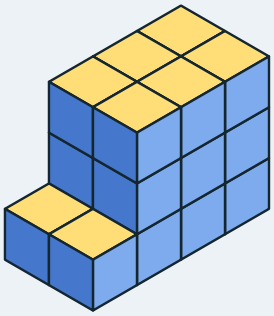
A 31 B 27 C 30 D 29

3



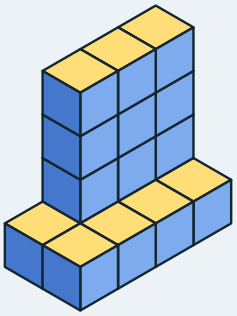
A 33 B 34 C 35 D 38

4



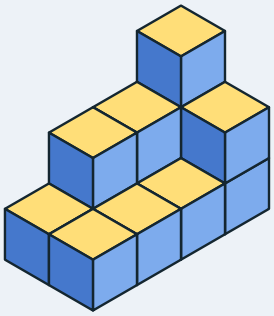
A 40 B 44 C 43 D 42

5



A 44 B 41 C 47 D 48

6



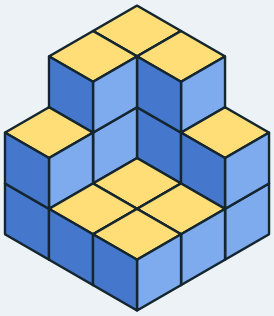
A 31 B 35 C 38 D 34

Torri di cubi

1ª media | 2026-11-07 | Soluzioni

Il cerchio indica la risposta: quadrati visti dall'alto + 2 × di fronte + 2 × di lato.

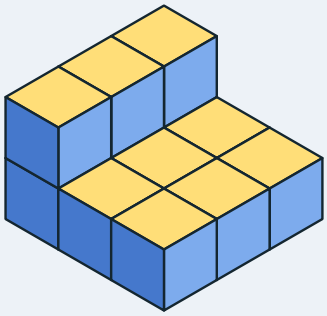
1



A 41 B 44 C 45 D 43

9 + 2 × 8 + 2 × 8 = 41

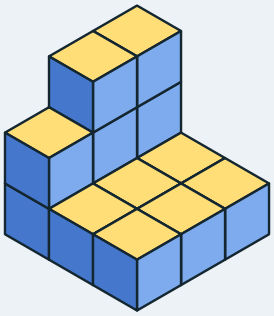
2



A 31 B 27 C 30 **D 29**

9 + 2 × 6 + 2 × 4 = 29

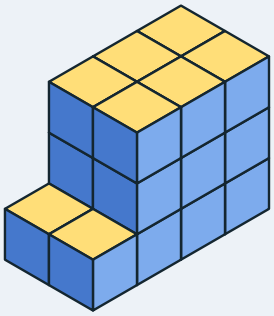
3



A 33 B 34 **C 35** D 38

9 + 2 × 8 + 2 × 5 = 35

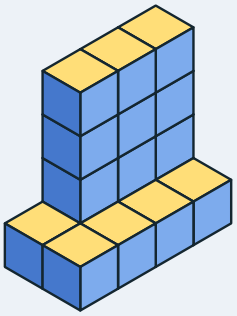
4



A 40 B 44 C 43 D 42

8 + 2 × 10 + 2 × 6 = 40

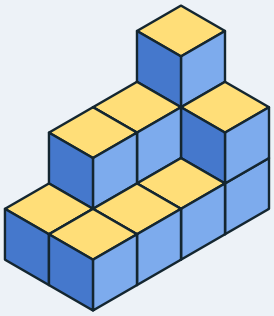
5



A 44 B 41 C 47 D 48

8 + 2 × 13 + 2 × 5 = 44

6



A 31 B 35 C 38 **D 34**

8 + 2 × 8 + 2 × 5 = 34

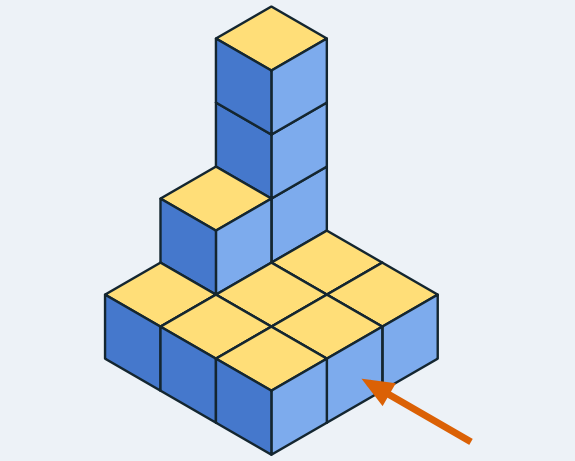
Torri di cubi

2ª media | 2026-11-07 | Scheda

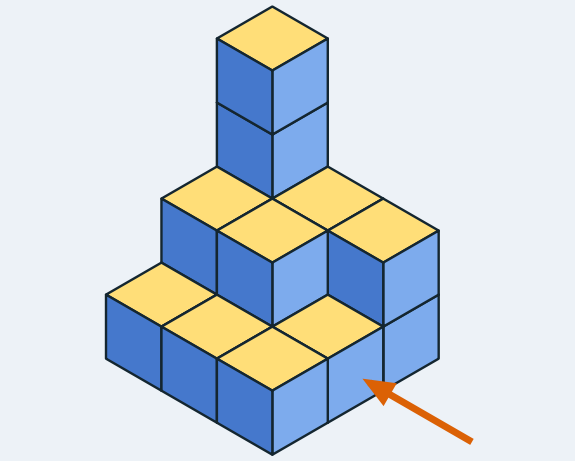
Ogni cubo poggia sul tavolo o su un altro cubo; nessuno resta sospeso. Alcuni cubi sono nascosti dietro o sotto altri, ma il disegno mostra esattamente come è costruito il solido. Osserva con attenzione, conta nell'ordine che preferisci e cerchia una risposta per ogni problema.

Guarda nella direzione della freccia arancione. Quale disegno mostra ciò che vedi di fronte?

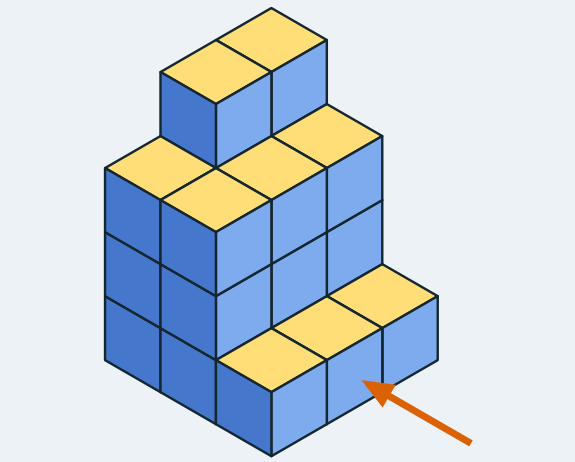
1



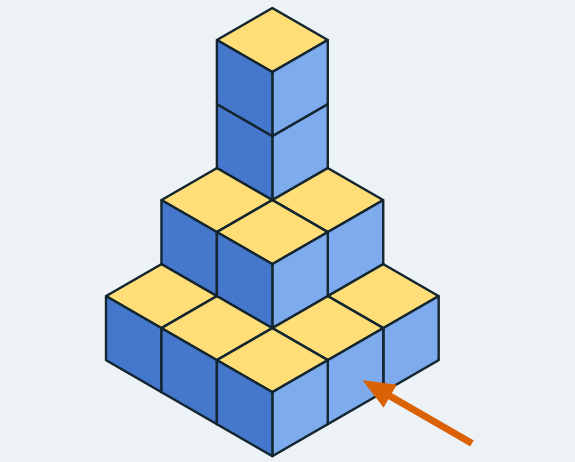
2



3



4

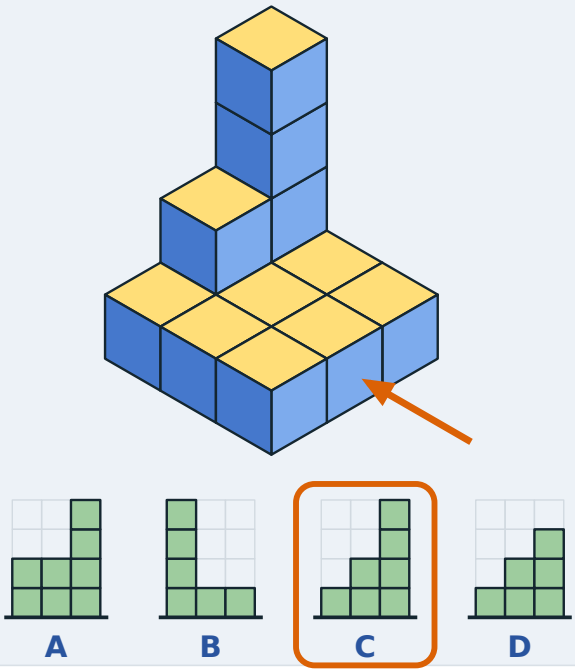


Torri di cubi

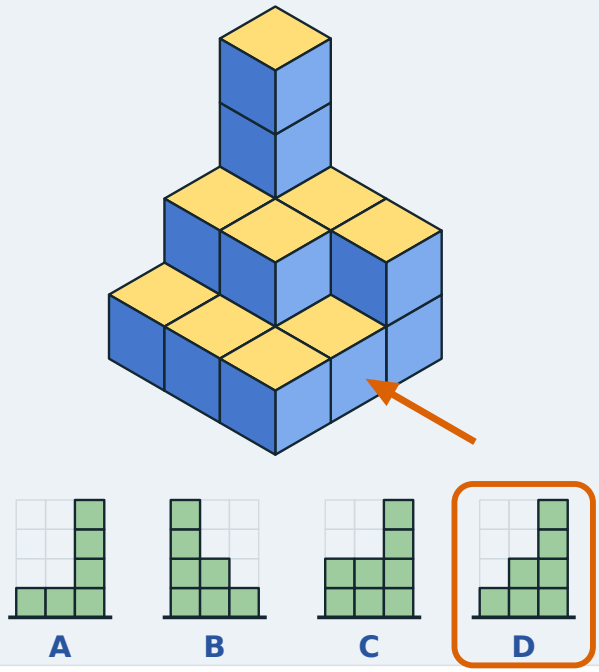
2ª media | 2026-11-07 | Soluzioni

Il cerchio indica la vista frontale: ogni colonna è alta quanto la pila più alta di quella linea.

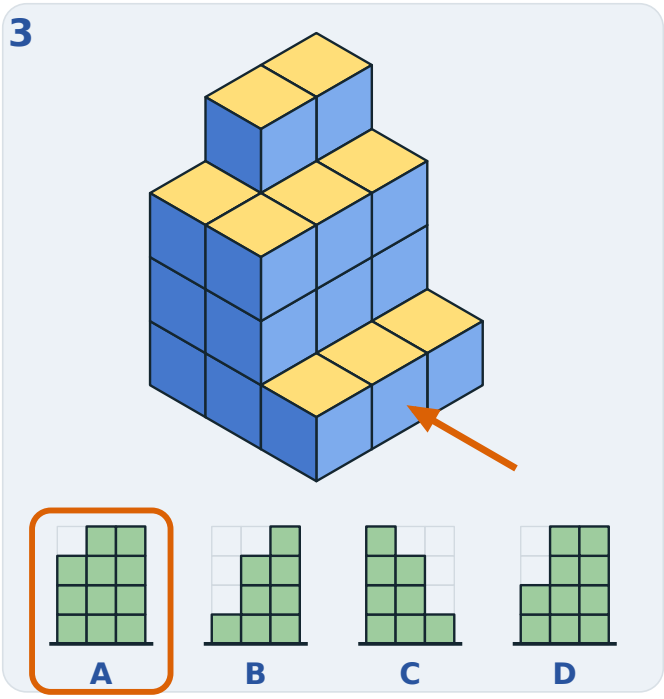
1



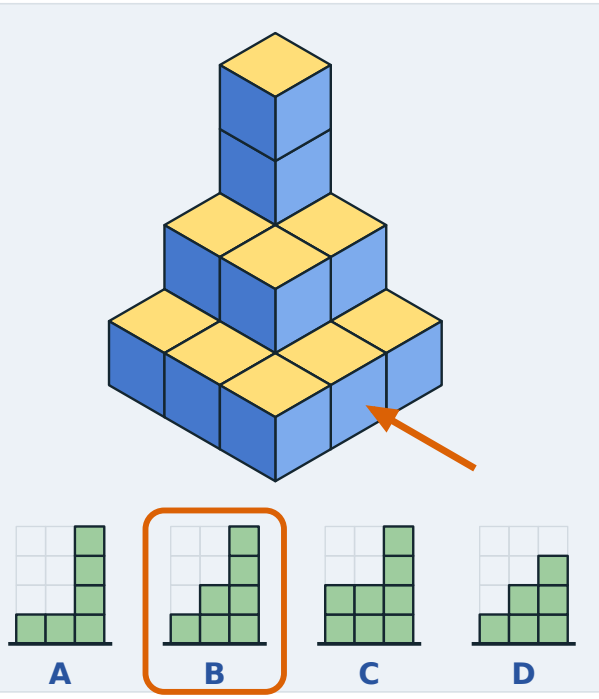
2



3



4



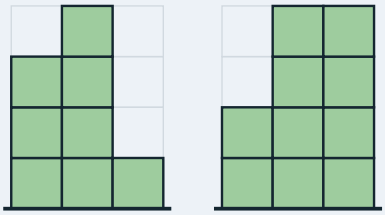
Torri di cubi

3ª media | 2026-11-07 | Scheda

Ogni cubo poggia sul tavolo o su un altro cubo. Qui vedi solo due viste piane, quindi più solidi diversi possono corrispondere. Trova quello che usa meno cubi e cerchia una risposta per ogni problema.

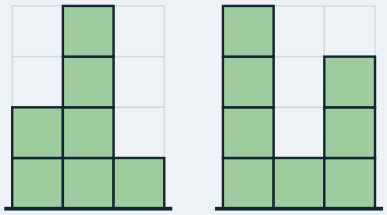
Un disegno mostra un solido di fronte, l’altro di lato. Qual è il numero più piccolo di cubi che può avere?

1



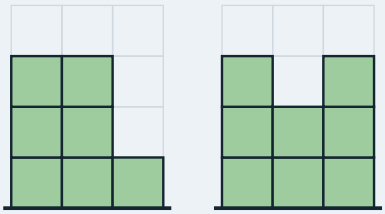
A 16 B 12 C 18 D 14

2



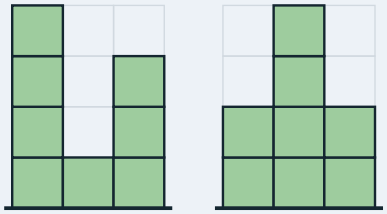
A 8 B 12 C 13 D 10

3



A 10 B 11 C 6 D 9

4



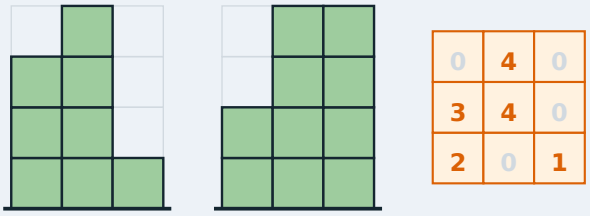
A 9 B 12 C 16 D 15

Torri di cubi

3ª media | 2026-11-07 | Soluzioni

Il cerchio indica la risposta. La piccola griglia mostra un modo per costruirlo visto dall'alto, con la fila davanti in basso.

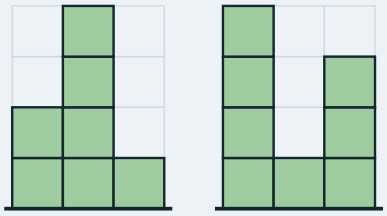
1



0	4	0
3	4	0
2	0	1

A 16 B 12 C 18 **D 14**

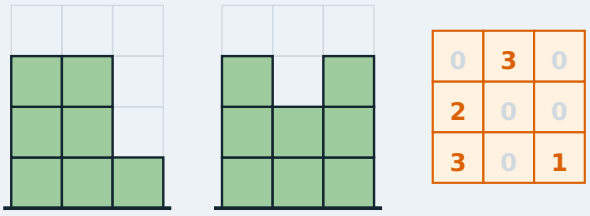
2



0	3	0
0	0	1
2	4	0

A 8 B 12 C 13 **D 10**

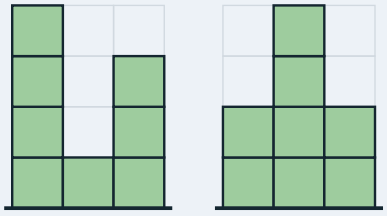
3



0	3	0
2	0	0
3	0	1

A 10 B 11 C 6 **D 9**

4



2	0	0
4	0	3
2	1	0

A 9 **B 12** C 16 D 15