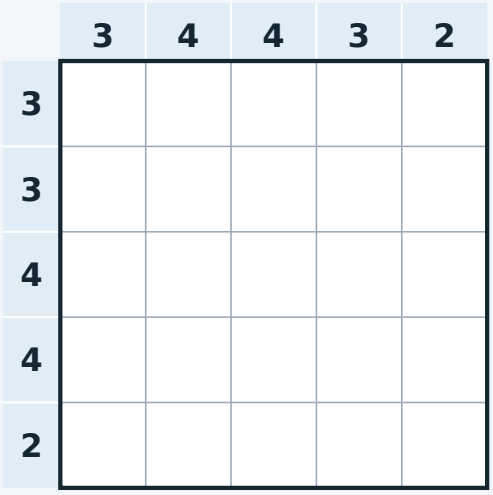
Pixel Puzzles

Kindergarten | 2026-11-17 | Worksheet

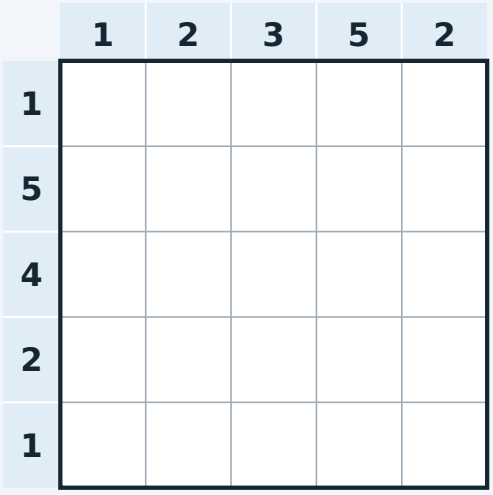
An adult can read this aloud. The number beside a row tells how many squares side by side to colour in that row. The number above a column does the same for the column. Colour the squares to reveal the hidden shape.

A 5 fills the whole line. Put a small dot in the squares that stay blank.

1



2

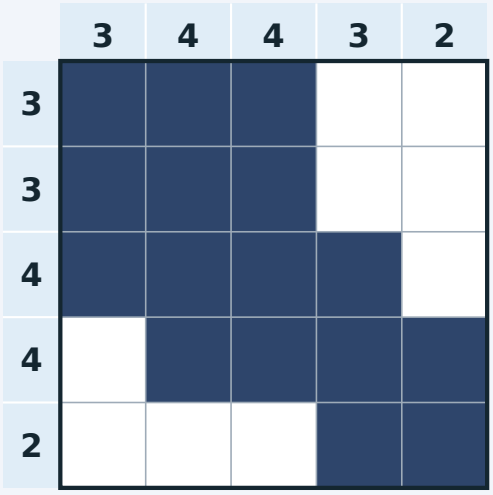


Pixel Puzzles

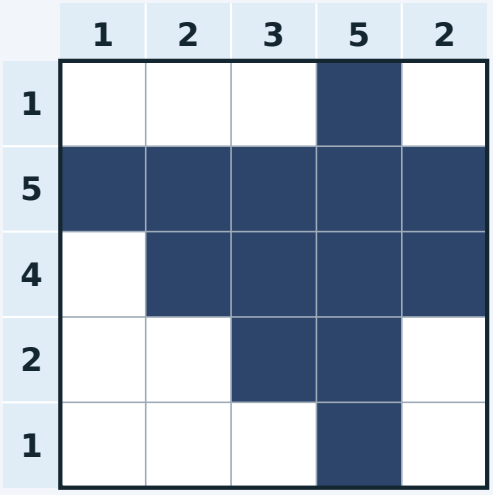
Kindergarten | 2026-11-17 | Answer key

The coloured squares show the solution. Check each row and each column against its numbers together.

1



2



Pixel Puzzles

Grade 1 | 2026-11-17 | Worksheet

The numbers beside each row (left to right) and above each column (top to bottom) are runs of coloured squares, in that order. Two runs always have at least one blank square between them. Colour the squares to reveal the hidden shape.

A 6 fills the whole line. 2 1 means a run of two, a gap, then a run of one.

1

	1	2 2	6	6	2 2	1
6						
4						
2						
2						
4						
4						

2

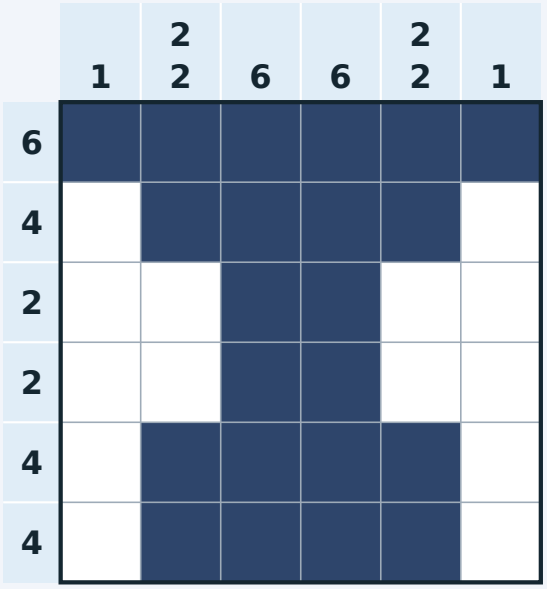
	1 3	1 1	3	3	1 1	1 3
6						
2						
2						
1 1						
2 2						
1 1						

Pixel Puzzles

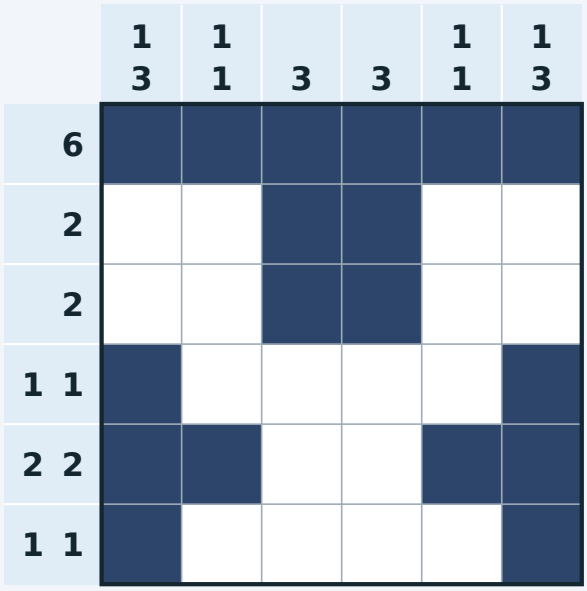
Grade 1 | 2026-11-17 | Answer key

The coloured squares show the solution. Check each row and each column against its numbers together.

1



2



Pixel Puzzles

Grade 2 | 2026-11-17 | Worksheet

The numbers beside each row (left to right) and above each column (top to bottom) are runs of coloured squares, in that order. Two runs always have at least one blank square between them. Colour the squares to reveal the hidden shape.

In a line of 7, a run of 5 always covers the middle three squares, wherever it starts.

1

	3	4	7	4	4	3	2
5							
5							
4							
4							
3							
3							
3							

2

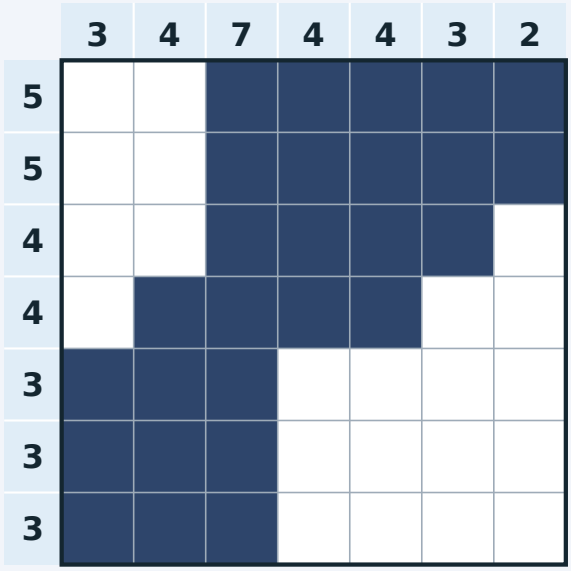
	4	3	3	2	2 2	4 2	6
2							
3							
2							
1 2							
3 1							
7							
7							

Pixel Puzzles

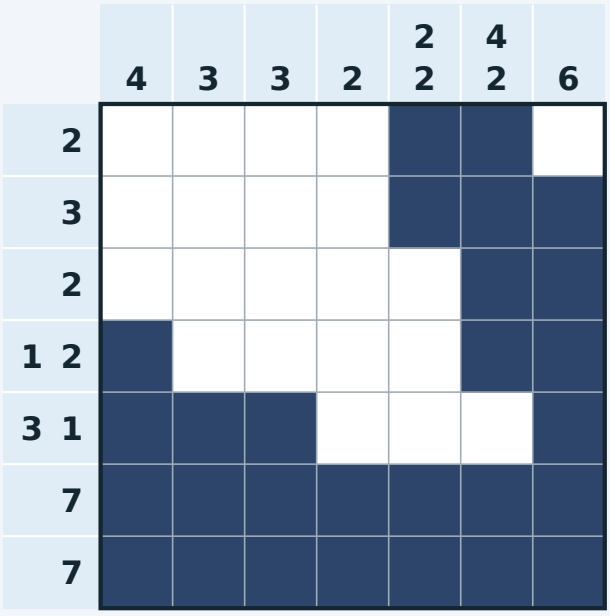
Grade 2 | 2026-11-17 | Answer key

The coloured squares show the solution. Check each row and each column against its numbers together.

1



2



Pixel Puzzles

Grade 3 | 2026-11-17 | Worksheet

The numbers beside each row (left to right) and above each column (top to bottom) are runs of coloured squares, in that order. Two runs always have at least one blank square between them. Colour the squares to reveal the hidden shape.

Add the runs and one gap between each pair. If the total is the length of the line, the whole line is decided.

1

	3	1 3	6	8	2 3	2 3	1	2
5								
4								
2 1								
4 1								
4								
6								
3								
4								

2

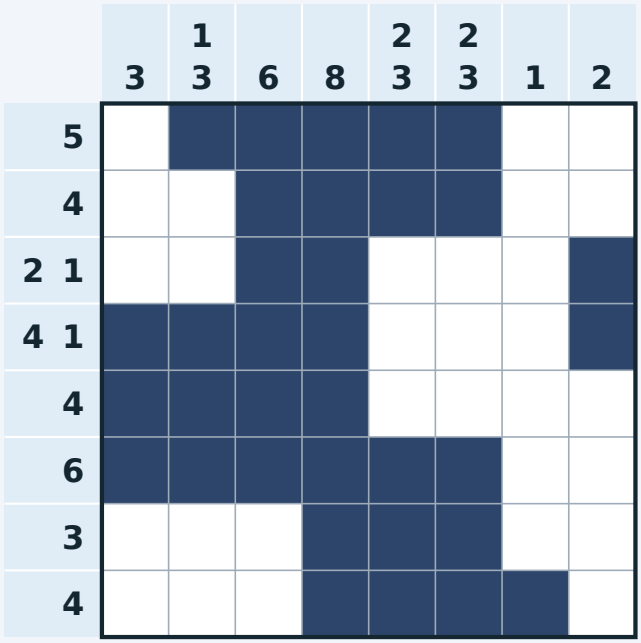
	2	4 2	7	8	7	1 3	1 2	1 1
5								
5								
5								
7								
6								
4								
4								
3								

Pixel Puzzles

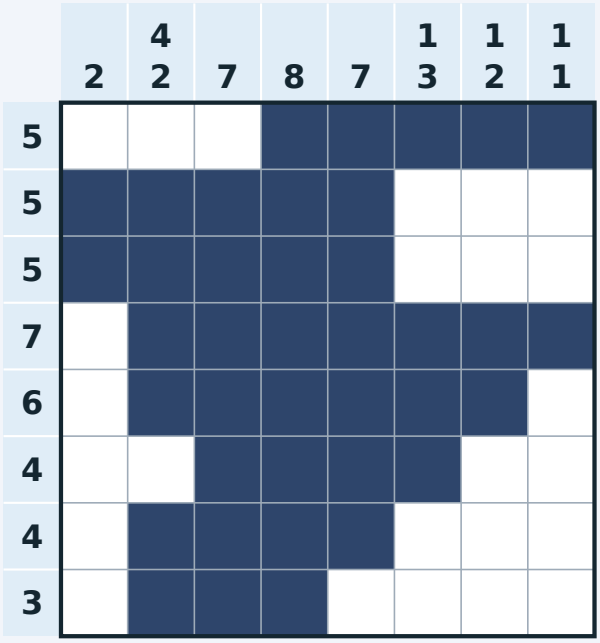
Grade 3 | 2026-11-17 | Answer key

The coloured squares show the solution. Check each row and each column against its numbers together.

1



2



Pixel Puzzles

Grade 4 | 2026-11-17 | Worksheet

The numbers beside each row (left to right) and above each column (top to bottom) are runs of coloured squares, in that order. Two runs always have at least one blank square between them. Colour the squares to reveal the hidden shape.

The shape is the same on the left and on the right. Thick lines mark blocks of five squares.

1

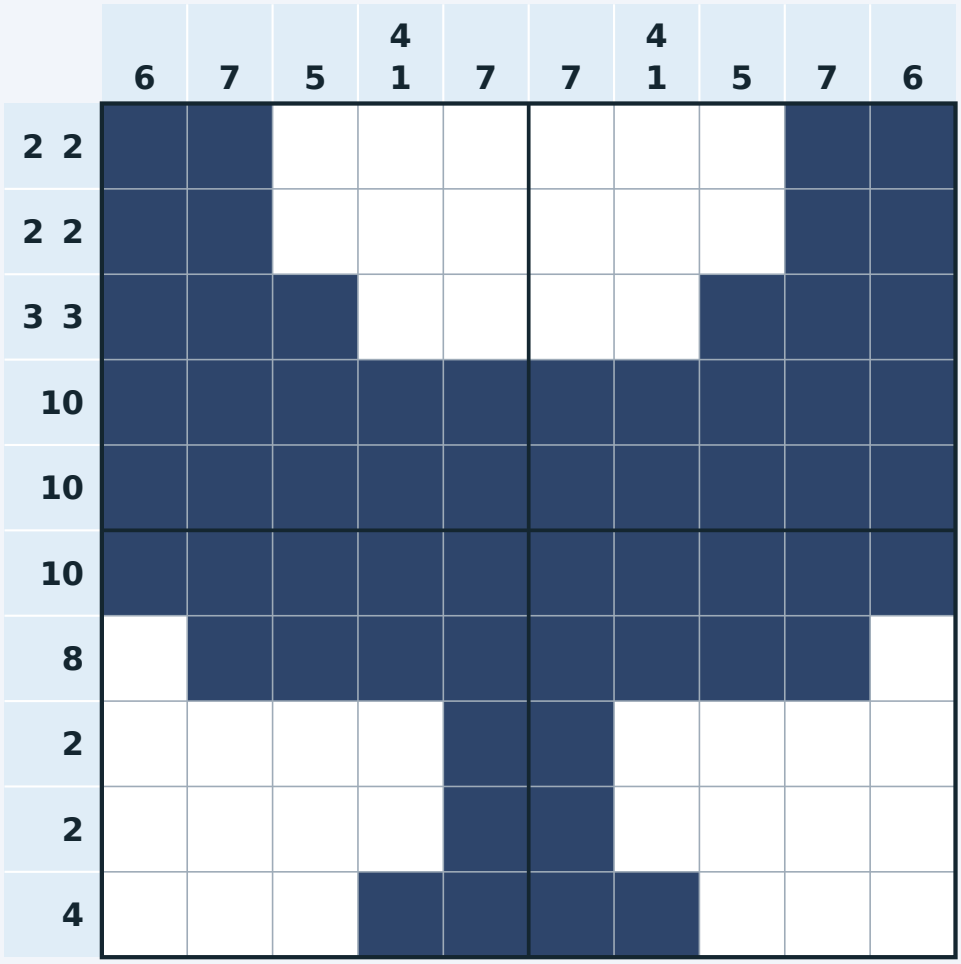
	6	7	5	4 1	7	7	4 1	5	7	6
2 2										
2 2										
3 3										
10										
10										
10										
8										
2										
2										
4										

Pixel Puzzles

Grade 4 | 2026-11-17 | Answer key

The coloured squares show the solution. Check each row and each column against its numbers together.

1



Pixel Puzzles

Grade 5 | 2026-11-17 | Worksheet

The numbers beside each row (left to right) and above each column (top to bottom) are runs of coloured squares, in that order. Two runs always have at least one blank square between them. Colour the squares to reveal the hidden shape.

Start with the biggest numbers, then use your dots and coloured squares to place the short runs.

1

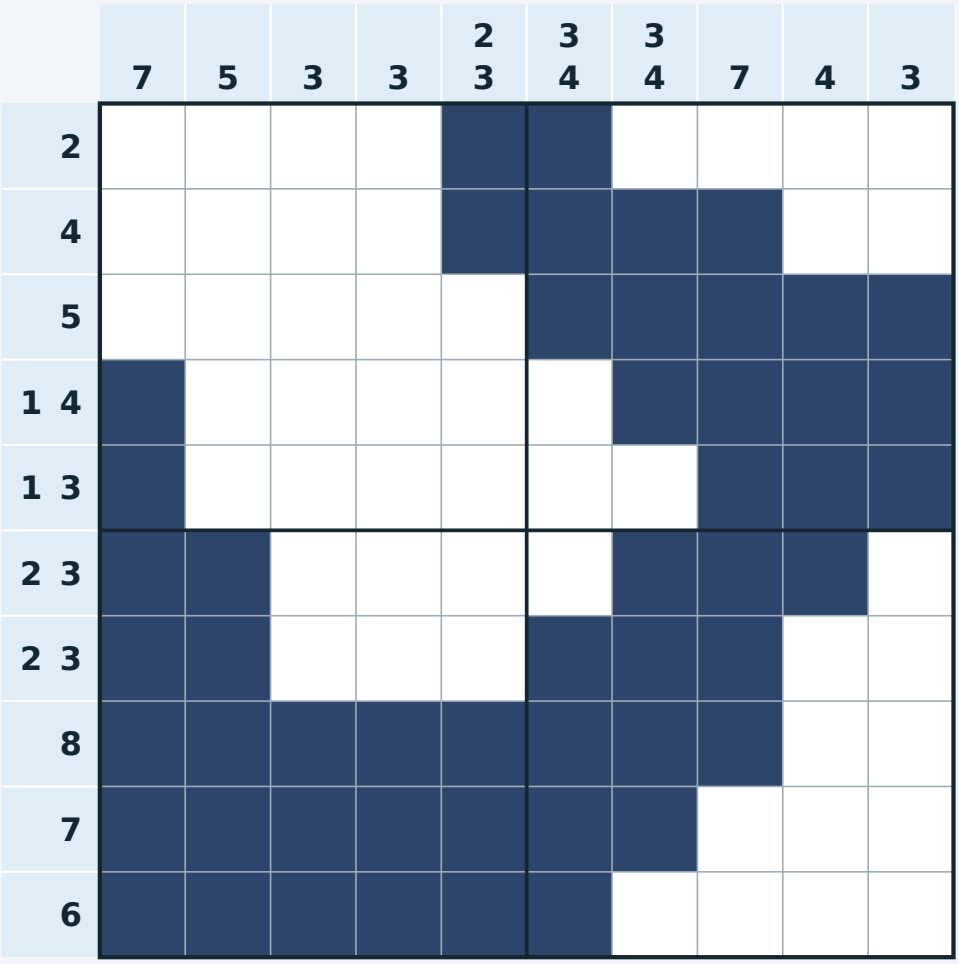
	7	5	3	3	2 3	3 4	3 4	7	4	3
2										
4										
5										
1 4										
1 3										
2 3										
2 3										
8										
7										
6										

Pixel Puzzles

Grade 5 | 2026-11-17 | Answer key

The coloured squares show the solution. Check each row and each column against its numbers together.

1



Pixel Puzzles

Grade 6 | 2026-11-17 | Worksheet

The numbers beside each row (left to right) and above each column (top to bottom) are runs of coloured squares, in that order. Two runs always have at least one blank square between them. Colour the squares to reveal the hidden shape.

Switch between rows and columns: every square you decide can unlock another line.

1

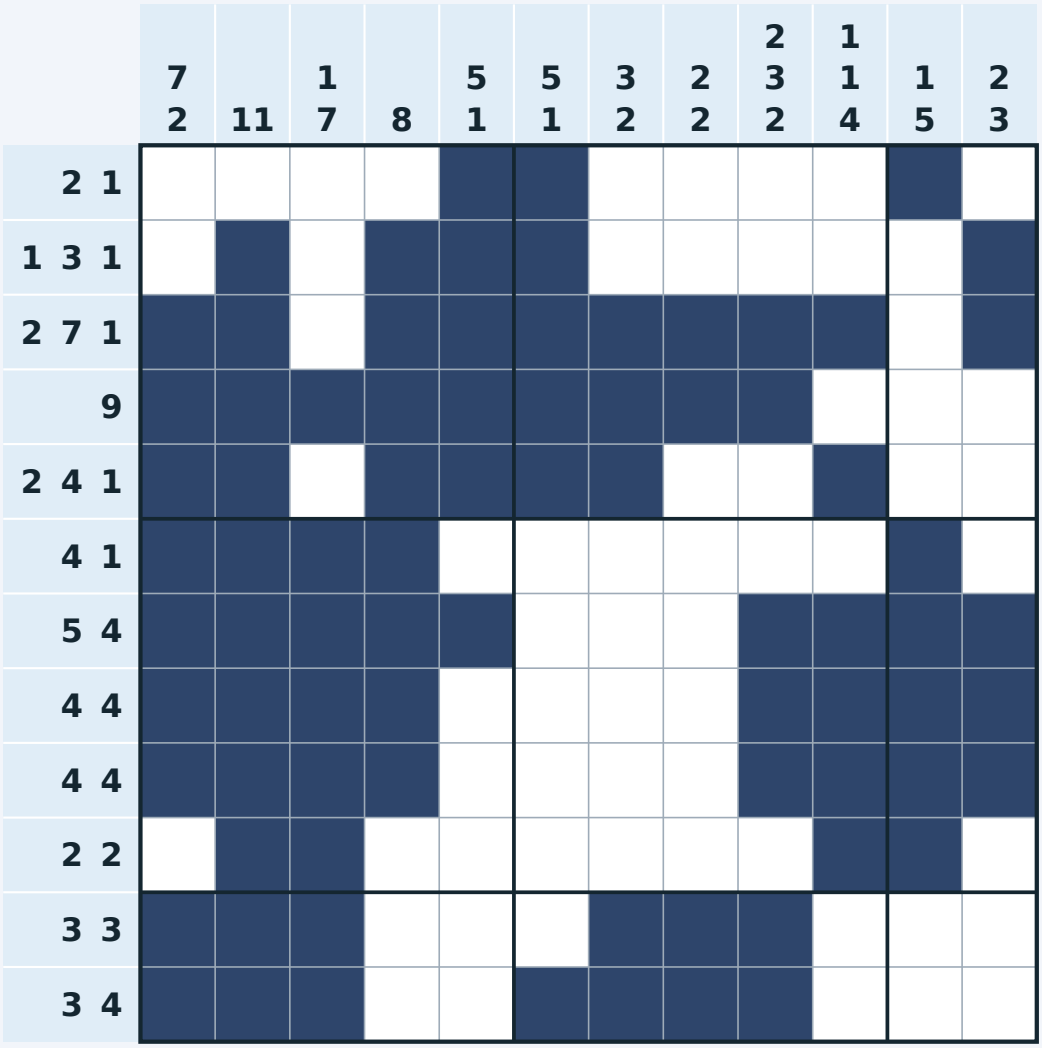
	7 2	11	1 7	8	5 1	5 1	3 2	2 2	2 3 2	1 1 4	1 5	2 3
2 1												
1 3 1												
2 7 1												
9												
2 4 1												
4 1												
5 4												
4 4												
4 4												
2 2												
3 3												
3 4												

Pixel Puzzles

Grade 6 | 2026-11-17 | Answer key

The coloured squares show the solution. Check each row and each column against its numbers together.

1



Pixel Puzzles

Grade 7 | 2026-11-17 | Worksheet

The numbers beside each row (left to right) and above each column (top to bottom) are runs of coloured squares, in that order. Two runs always have at least one blank square between them. Colour the squares to reveal the hidden shape.

The shape is the same on the left and on the right. Finish both halves of a row together.

1

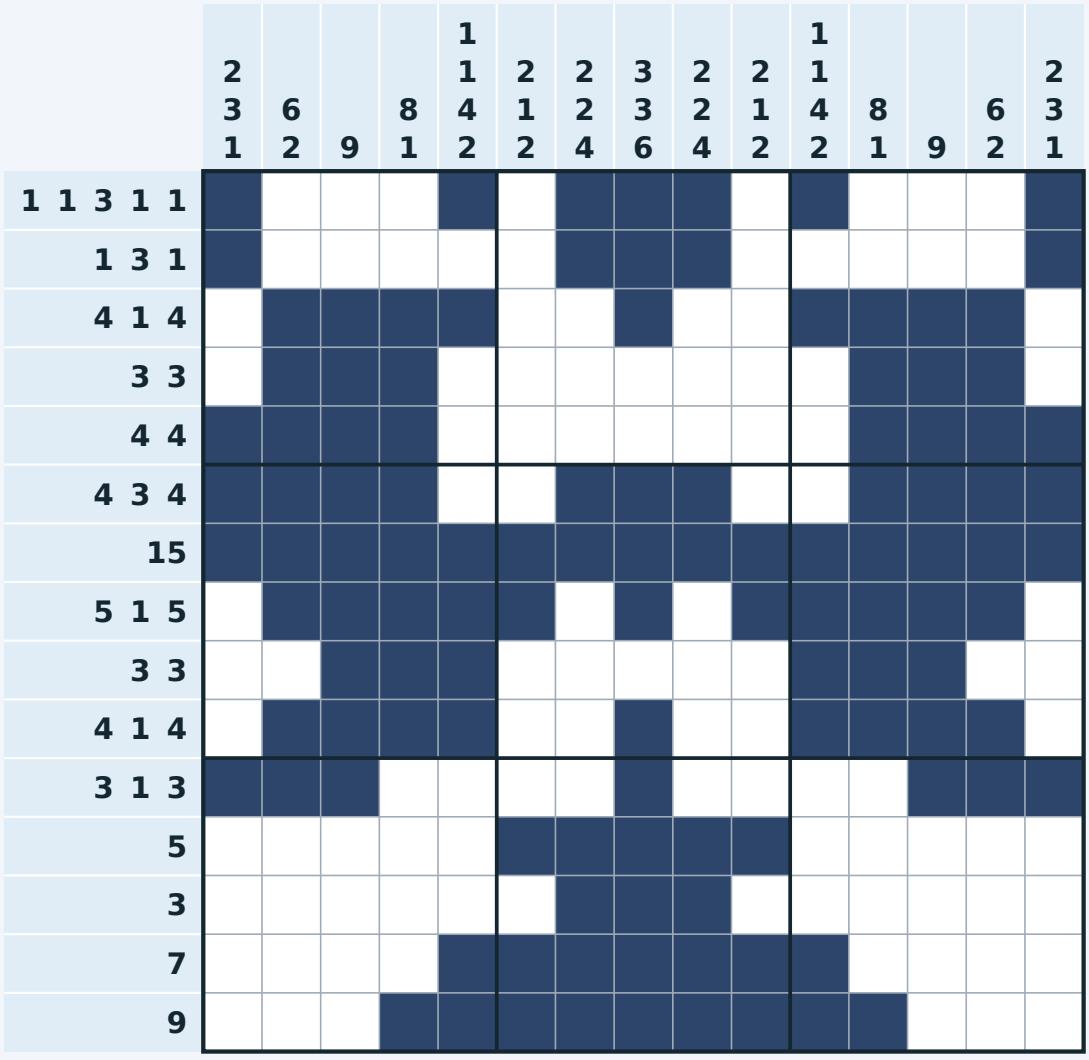
	2 3 1	6 2	9	8 1	1 1 4 2	2 1 2	2 2 4	3 3 6	2 2 4	2 1 2	1 1 4 2	8 1	9	6 2	2 3 1
1 1 3 1 1															
1 3 1															
4 1 4															
3 3															
4 4															
4 3 4															
15															
5 1 5															
3 3															
4 1 4															
3 1 3															
5															
3															
7															
9															

Pixel Puzzles

Grade 7 | 2026-11-17 | Answer key

The coloured squares show the solution. Check each row and each column against its numbers together.

1



Pixel Puzzles

Grade 8 | 2026-11-17 | Worksheet

The numbers beside each row (left to right) and above each column (top to bottom) are runs of coloured squares, in that order. Two runs always have at least one blank square between them. Colour the squares to reveal the hidden shape.

Never guess: every square can be worked out from its row or its column. Dot the blank squares.

1

	8 5	9 1 3	4 3 5	3 3 3	2 2	2 1	3 1 2 2	4 3	4 3 3	3 3 2	1 1 8	4 1 1	1	1 3	2 5 1
2 5 1 2															
10 1															
4 5															
4 3															
2 2 1															
5 1															
5 4 1															
4 6															
2 4 1															
5															
3 1 1 2															
1 1 1 1 2 2															
4 3 1															
4 3															
4 1 1															

Pixel Puzzles

Grade 8 | 2026-11-17 | Answer key

The coloured squares show the solution. Check each row and each column against its numbers together.

1

