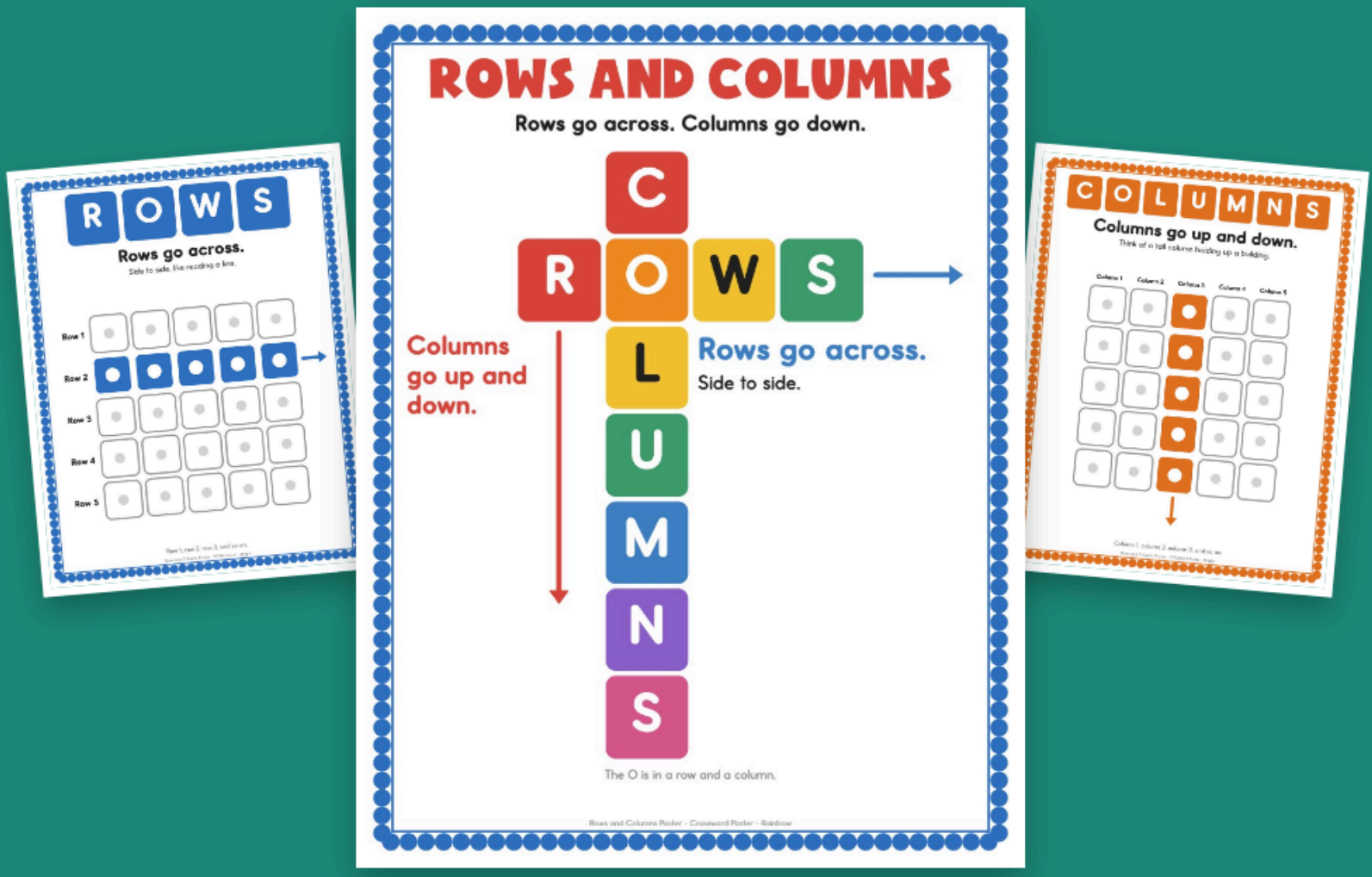
ROWS AND COLUMNS
CROSSWORD WALL POSTER



3 STYLES + INK-SAVER

48 CUT PIECES

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One classroom license

- This file is for one classroom: one teacher, one group of students.
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This is a fillable PDF

- Open it in a PDF reader (Adobe Acrobat Reader, Preview, or your browser), click into a line or a box, type, and Save As.
- The name lines, the answer lines on the array cards and student pages, the home note and every notes area are type-in fields. The posters are print pages. You can also print any page and write by hand.
- It works offline. No account, no subscription, no internet connection needed after you download it.

Print at 100 percent

Turn off fit to page and shrink to fit so the cut pieces keep their size. Every page is readable in black and white, and every wall poster comes in an ink-saver set. Posters look best on cardstock; cards children cut are fine on copy paper.

Need help?

If a field will not behave or a page will not print the way you expect, use Ask a Question on the product page before leaving a review. Every question is read, and a fix to the file ships as a free update.

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PREVIEW

How to Teach It: Five Short Routines

Each one takes a few minutes. The words matter less than the motion: rows sweep across, columns sweep down.

1. Move your arm

- Show the ROWS poster (page 9). Sweep your arm side to side and say: "Rows go across."
- Show the COLUMNS poster (page 13). Sweep your arm up and down and say: "Columns go up and down." Children copy you.

2. Find the O

- On the crossword poster (page 5) the word ROWS goes across and the word COLUMNS goes down.
- They cross on the letter O. Ask: "Which way does ROWS go? Which way does COLUMNS go?"

3. Row or column?

- Point to a line on the labeled grid (page 17) and ask: "Row or column?"
- Children hold up a desk card (page 19) or answer on the circle page (page 23).

4. Count an array

- Hand out an array card (page 21). Children count the rows, then the columns, and write both.
- Start with the numbered level (page 25); move to page 26 when the numbers are not needed.

5. Look around the room

- Children find a row and a column in the room and draw them (page 30). Send the home note (page 34) so families look too.

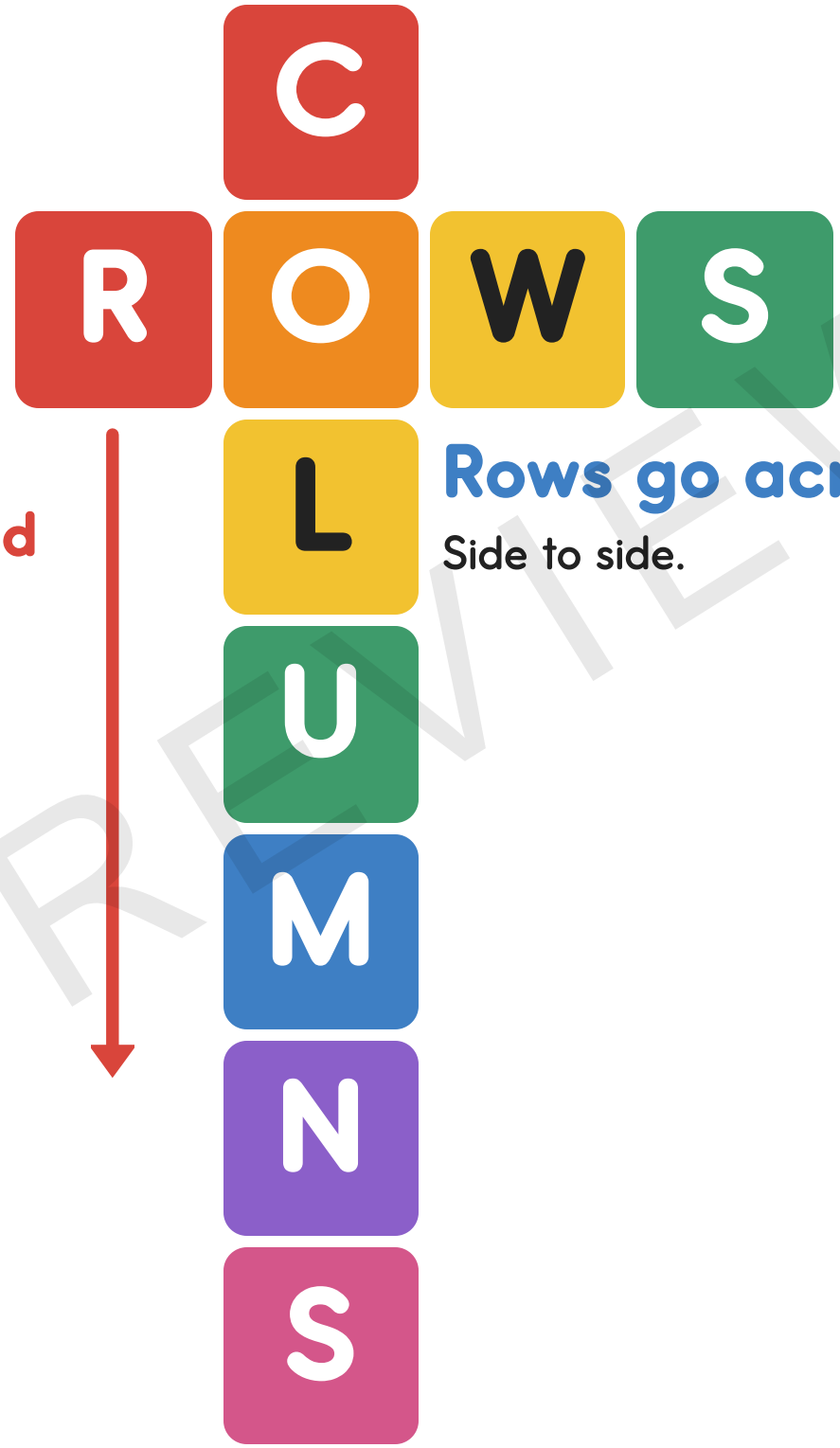
Notes on your day

PREVIEW

Preview - Bright Path Sped

ROWS AND COLUMNS

Rows go across. Columns go down.



Columns go up and down.

Rows go across.

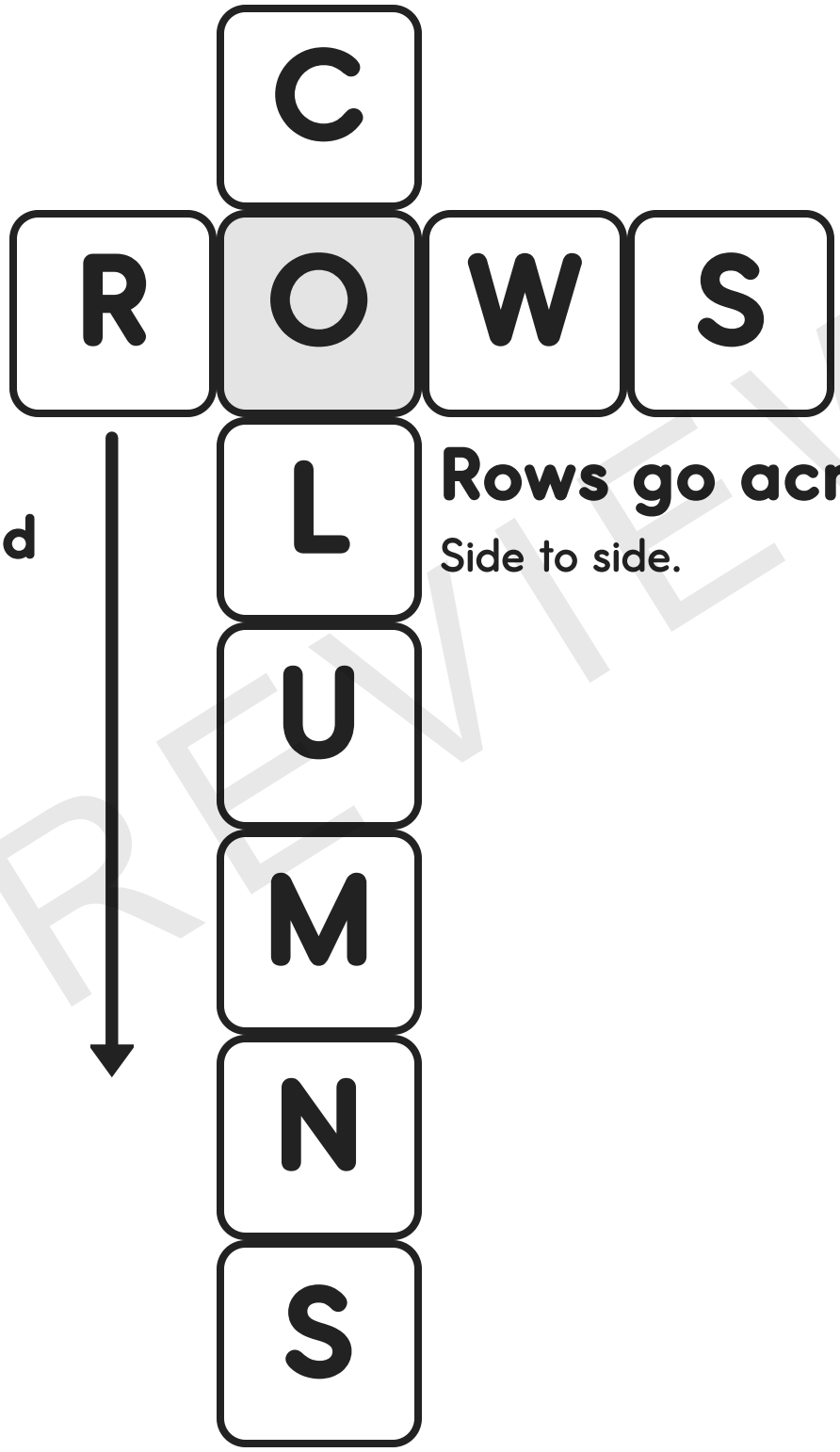
Side to side.

The O is in a row and a column.

PREVIEW

ROWS AND COLUMNS

Rows go across. Columns go down.



Columns go up and down.

Rows go across.

Side to side.

The O is in a row and a column.

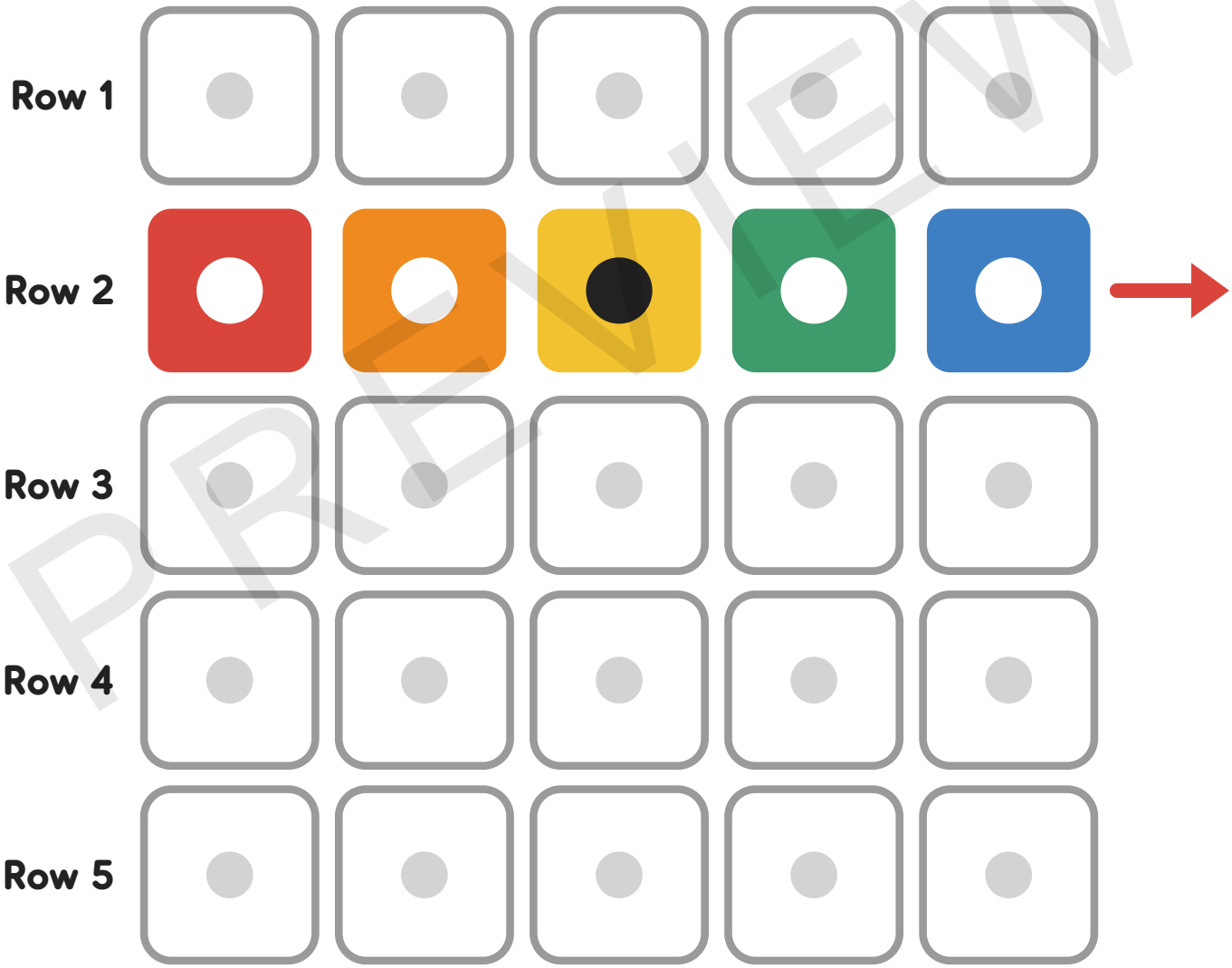
PREVIEW

Preview - Bright Path Sped

ROWS

Rows go across.

Side to side, like reading a line.



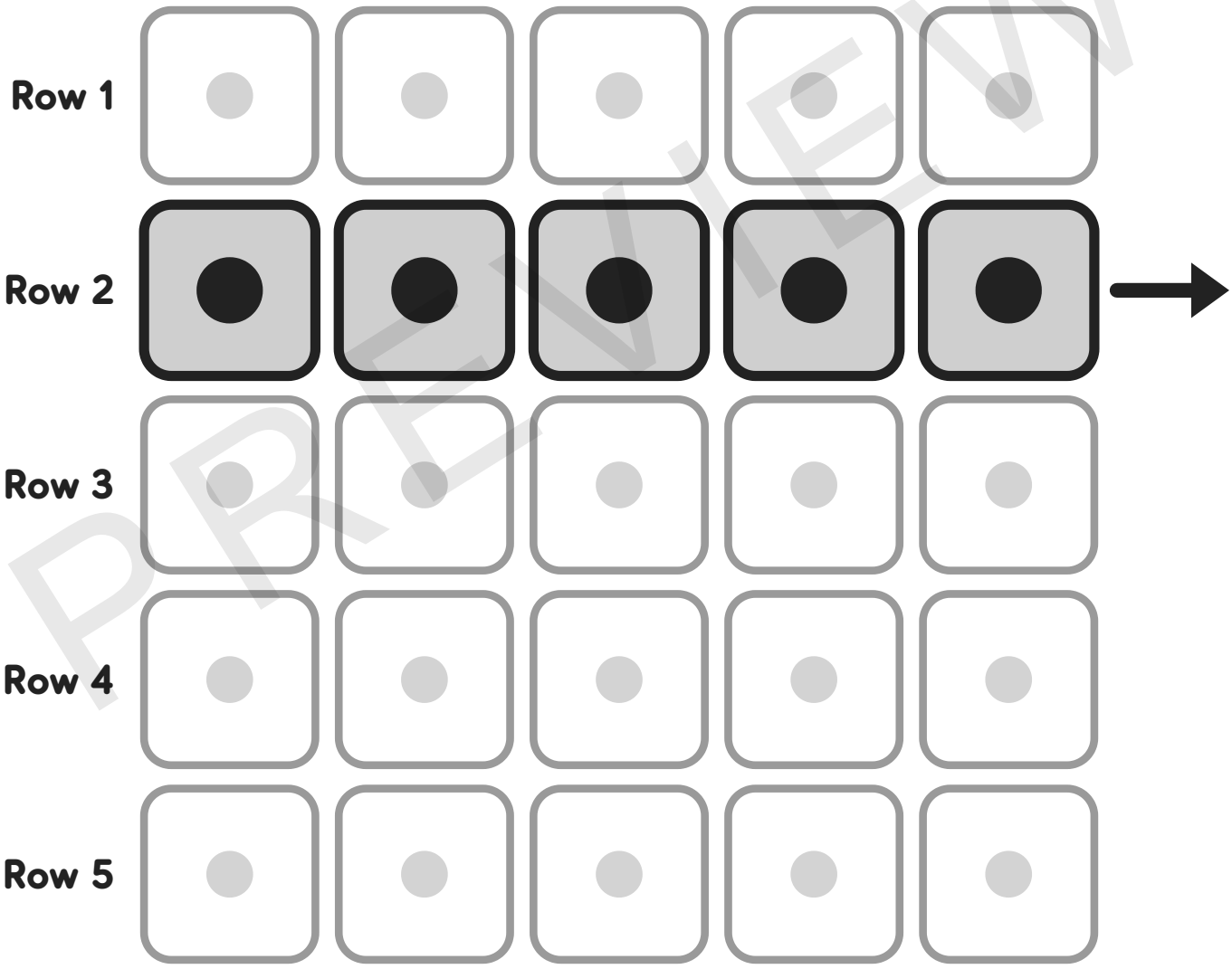
PREVIEW

Row 1, row 2, row 3, and so on.

R O W S

Rows go across.

Side to side, like reading a line.



PREVIEW

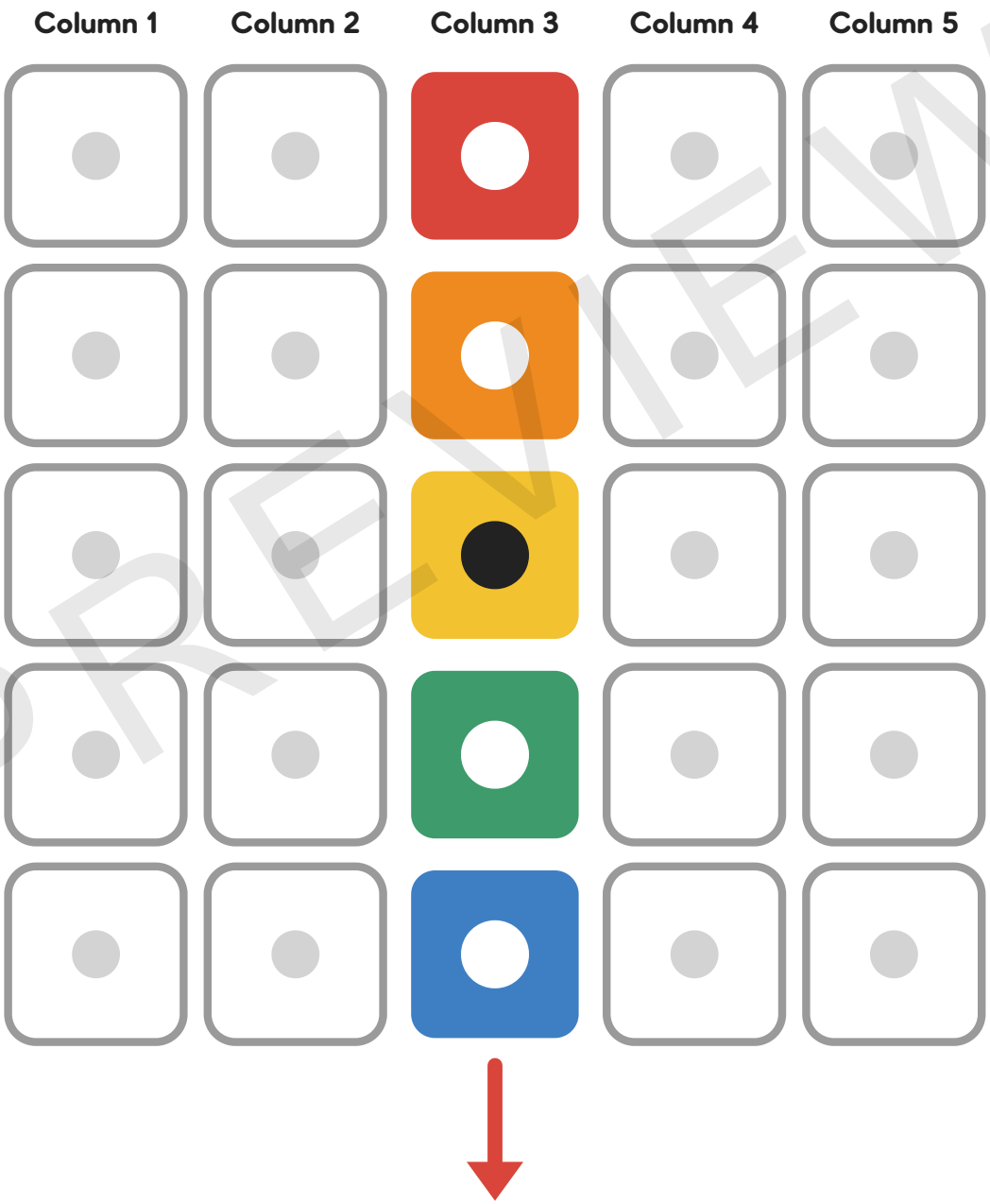
Row 1, row 2, row 3, and so on.

Preview : Bright Path Sped

COLUMNS

Columns go up and down.

Think of a tall column holding up a building.



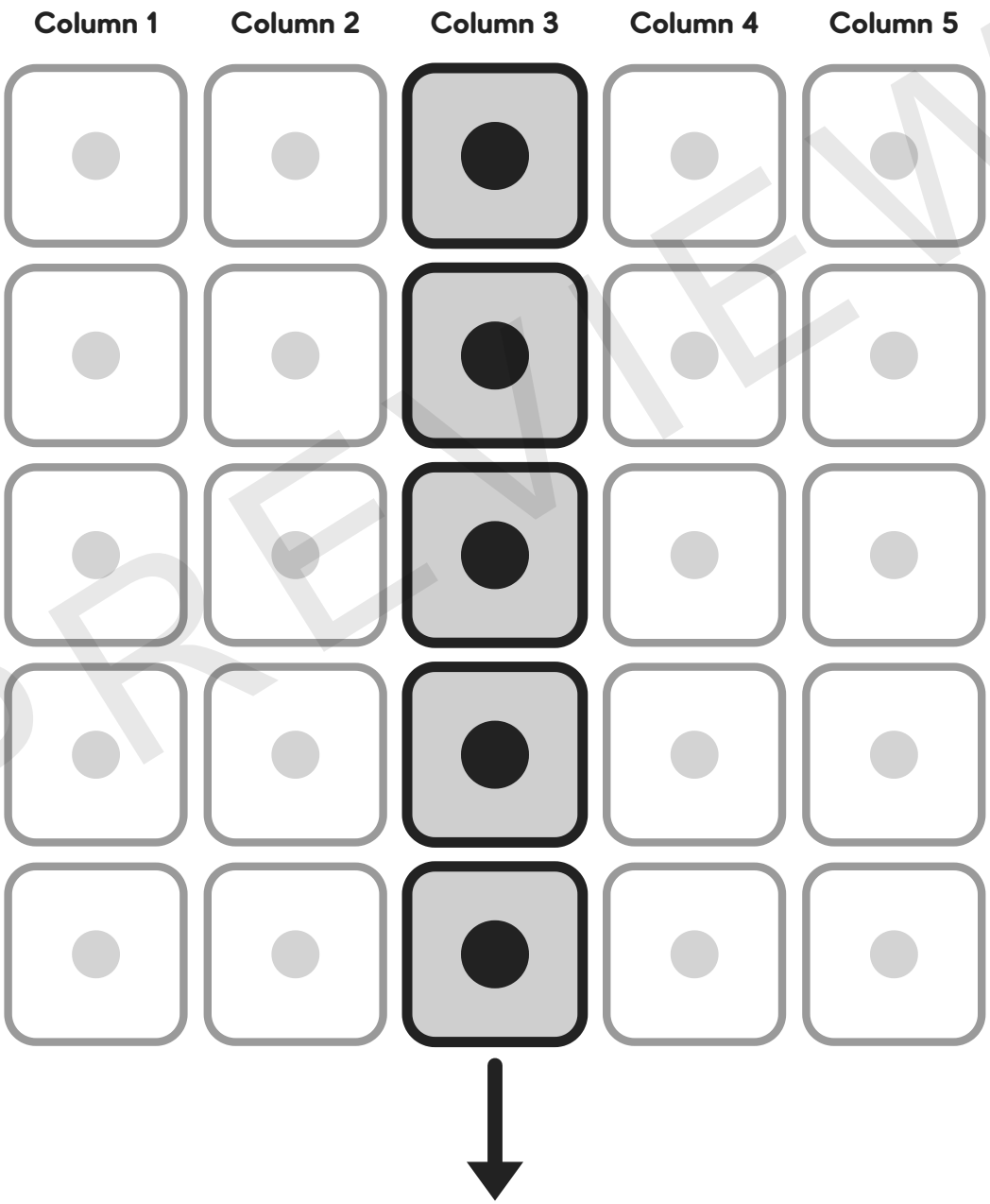
Column 1, column 2, column 3, and so on.

PREVIEW

C O L U M N S

Columns go up and down.

Think of a tall column holding up a building.

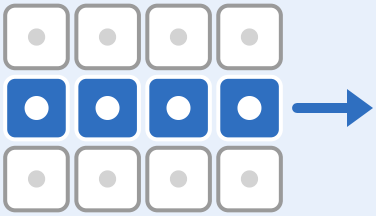
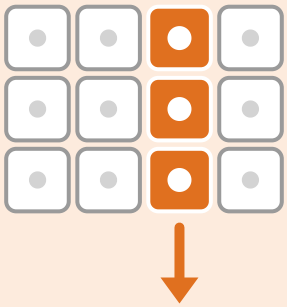
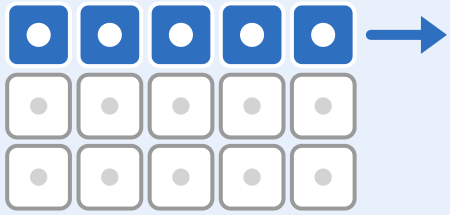
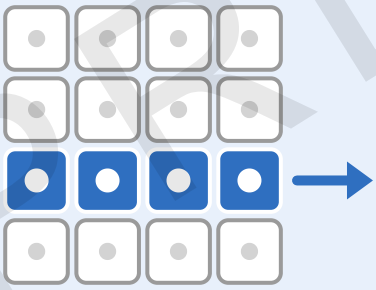
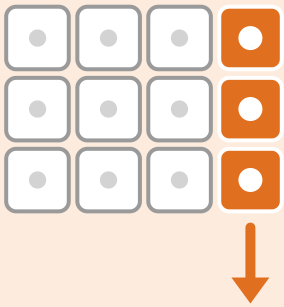
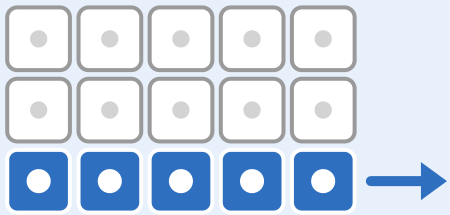
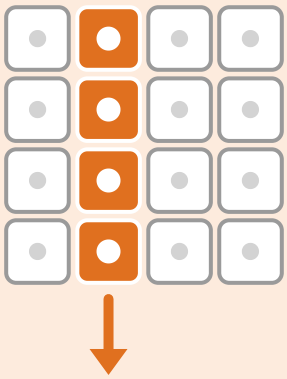


Column 1, column 2, column 3, and so on.

PREVIEW

Preview - Bright Path Sped

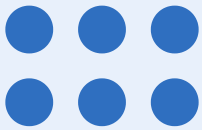
Cut the cards. Keep one at your desk.

Rows go across. 	Columns go down. 
Rows go across. 	Columns go down. 
Rows go across. 	Columns go down. 
Rows go across. 	Columns go down. 

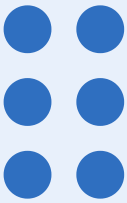
PREVIEW

Preview - Bright Path Sped

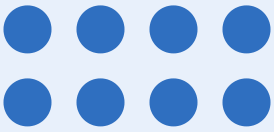
Cut the cards. Count the rows and columns.



_____ rows _____ columns



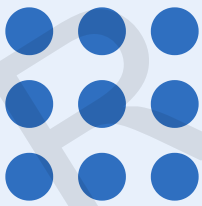
_____ rows _____ columns



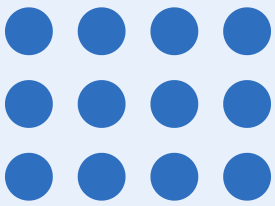
_____ rows _____ columns



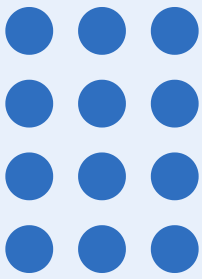
_____ rows _____ columns



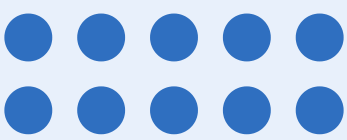
_____ rows _____ columns



_____ rows _____ columns



_____ rows _____ columns



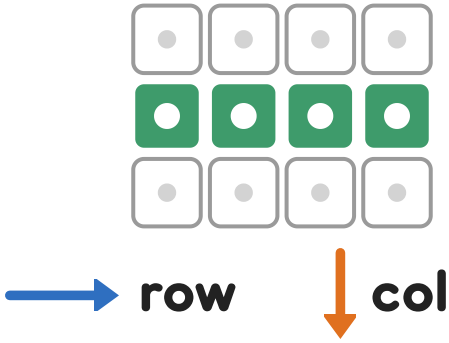
_____ rows _____ columns

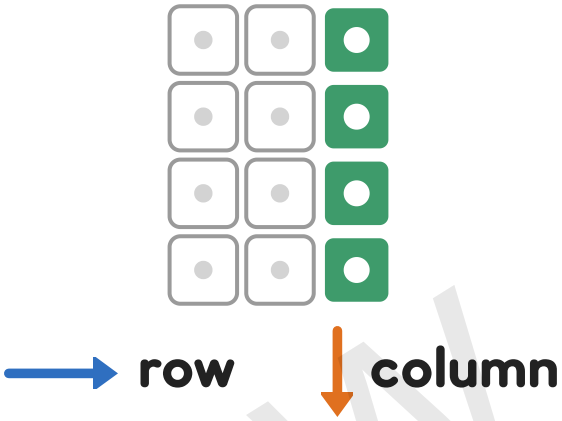
PREVIEW

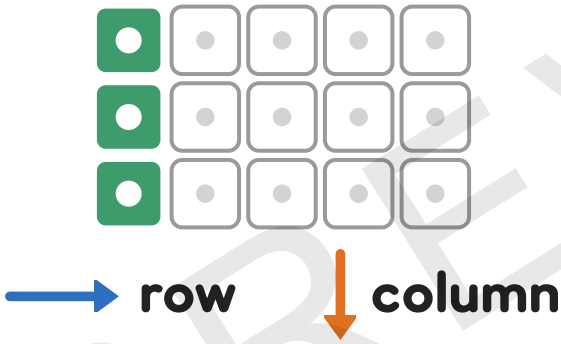
Preview - Bright Path Sped

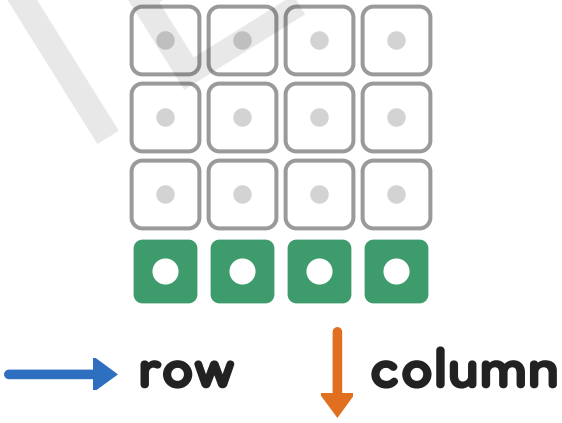
My name _____

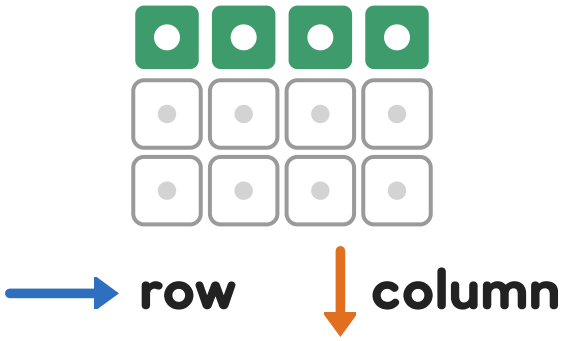
Circle row or column.

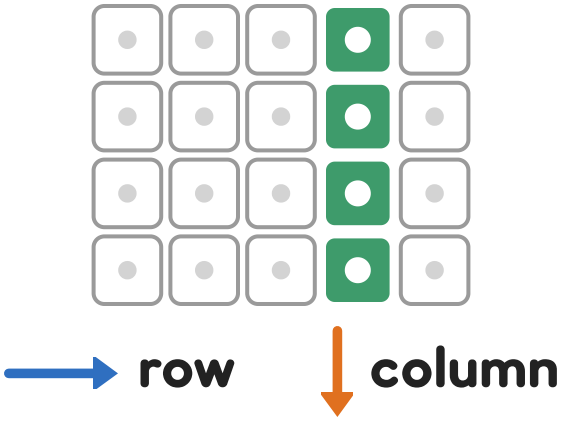










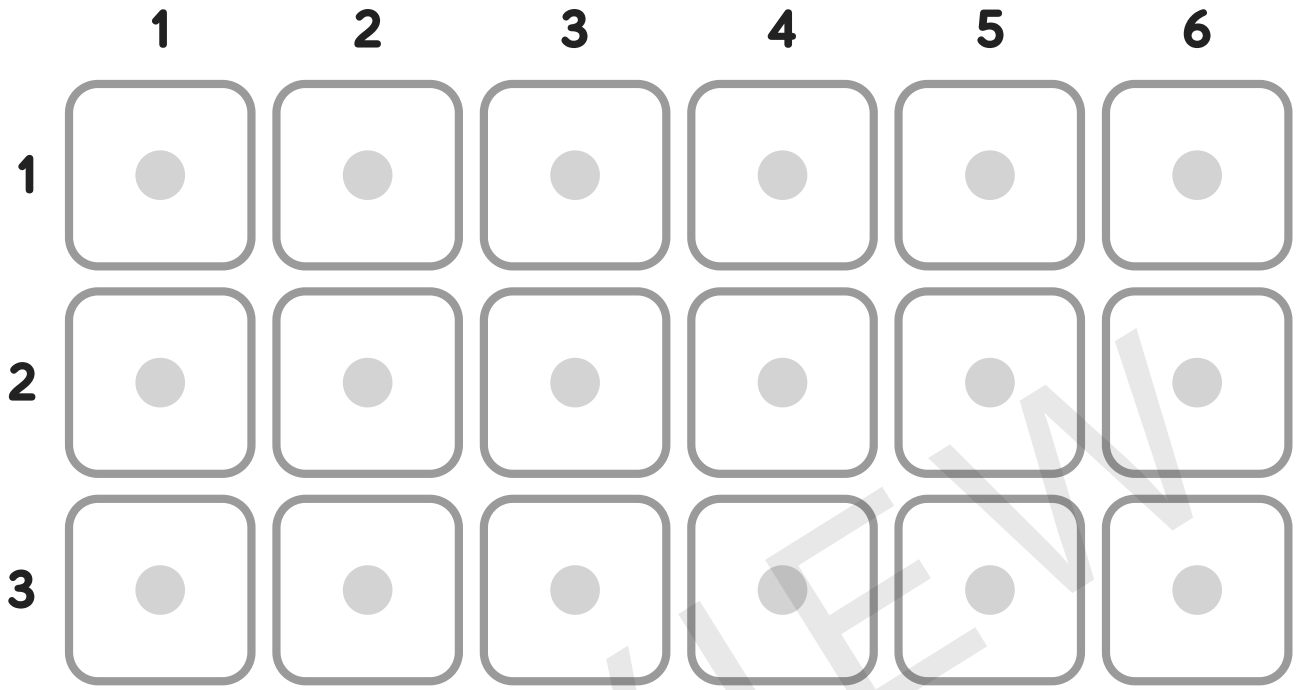


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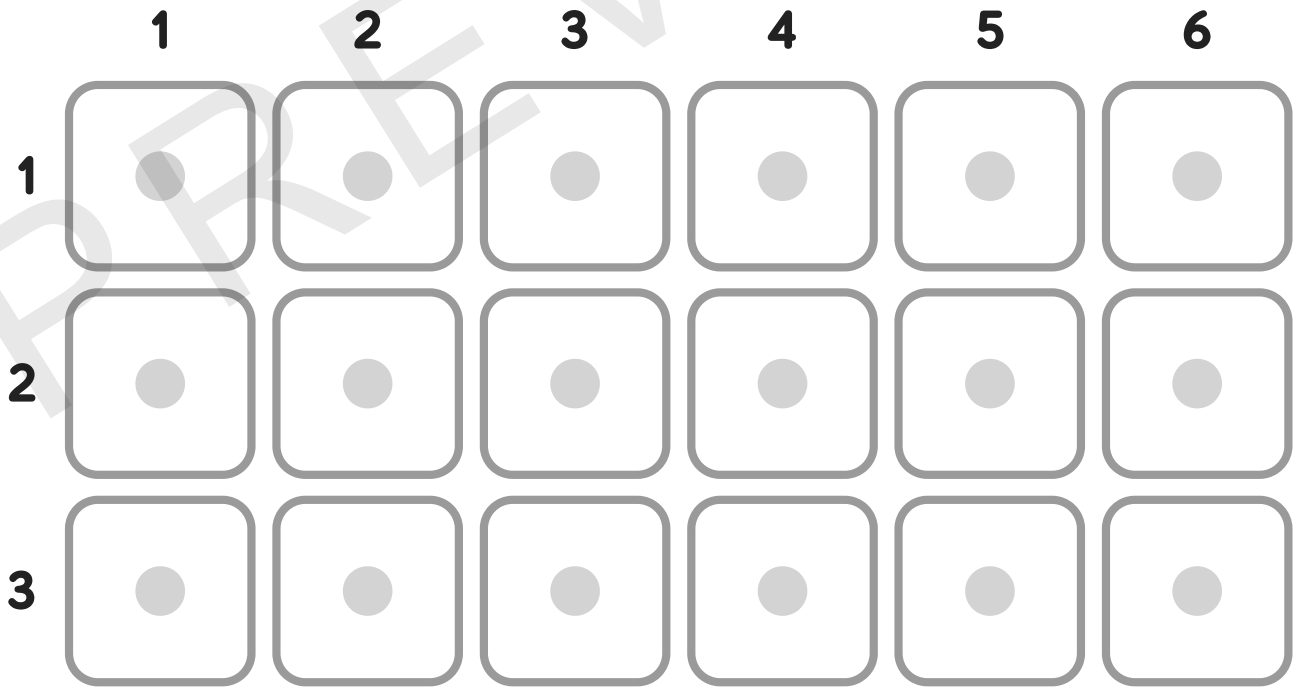
Preview - Bright Path Sped

My name _____

Color row 2 blue.



Color column 4 orange.

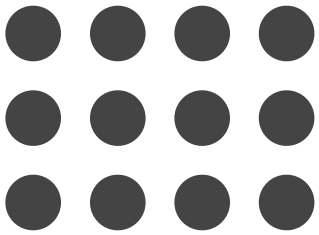


PREVIEW

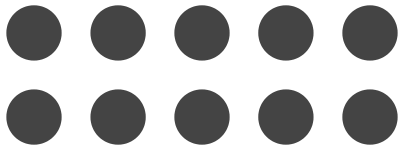
Preview : Bright Path Sped

My name _____

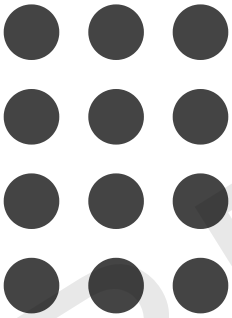
Count the rows. Count the columns. Write.



_____ rows _____ columns



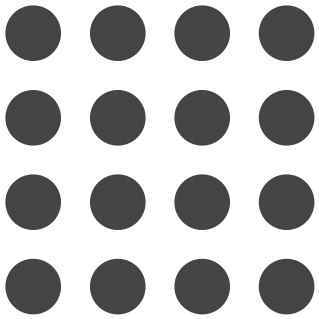
_____ rows _____ columns



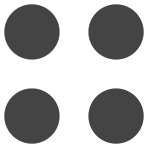
_____ rows _____ columns



_____ rows _____ columns



_____ rows _____ columns



_____ rows _____ columns

PREVIEW

Preview - Bright Path Sped

My name _____

Glue each grid in the right box.

ROWS →

COLUMNS ↓

PREVIEW

Preview : Bright Path Sped

My name _____

Look around. Draw a row and a column.

A row I see

It is a row of _____

A column I see

It is a column of _____

PREVIEW

Key: Student Pages

Keep this page for yourself. R means the highlighted line is a row (goes across); C means a column (goes up and down).

Row or column (page 23)

Box	Answer
1	Row
2	Col
3	Col
4	Row
5	Row
6	Col

Write the array, numbers shown (page 25)

Box	Answer
1	2 rows, 3 columns
2	3 rows, 4 columns
3	4 rows, 2 columns
4	2 rows, 5 columns
5	3 rows, 3 columns
6	4 rows, 4 columns

Write the array, no numbers (page 26)

Box	Answer
1	3 rows, 4 columns
2	2 rows, 5 columns
3	4 rows, 3 columns
4	1 row, 6 columns
5	4 rows, 4 columns
6	2 rows, 2 columns

Sort pieces (page 29): R goes in the ROWS box, C in the COLUMNS box

Cut sheet	Piece 1	Piece 2	Piece 3	Piece 4
Row 1 of the sheet	R	C	C	R
Row 2 of the sheet	C	R	R	C
Row 3 of the sheet	R	R	C	R
Row 4 of the sheet	C	C	R	C

Color it (page 24) and draw it (page 27)

Color row 2 blue: the whole second line of squares from side to side. Color column 4 orange: the whole fourth line of squares from top to bottom. Draw it: 3 rows with 4 in each row; 2 rows with 5 in each row; 4 rows with 3 in each row; 5 rows with 2 in each row.

What I noticed (my notes)

PREVIEW

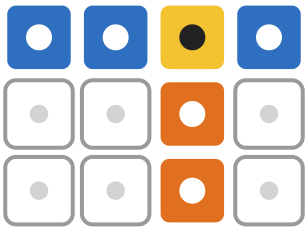
A Note Home: Rows and Columns

One page to send home when you start the poster.

Date _____ Class _____ Teacher _____

Dear families,

This week we are learning two math words. **Rows go across**, from side to side. **Columns go up and down**. We use them to describe grids and arrays of objects.



This week we are practicing

_____

_____

You can try this at home

Look for rows and columns together: eggs in a carton, tiles on a floor, windows on a building. Ask: "Is that a row or a column?"

_____

_____

A note from me (your words)

_____

_____

_____

Thank you, (teacher) _____ Family signature, if your school asks for one _____

PREVIEW

Phrase Bank

Fill each blank with what you really saw and heard.

Teaching the words

- "Rows go across, side to side."
- "Columns go up and down."
- "Trace row ____ with your finger. Which way did you go?"
- "Point to column ____. Which way did you go?"

Asking a question

- "Is this a row or a column? How do you know?"
- "Show me row ____."
- "Which square is in row ____ and column ____?"
- "How many rows do you see? How many columns?"

Noticing what a child did

- "You traced the whole row from side to side."
- "You counted ____ columns and said it out loud."
- "You fixed it yourself. Tell me what you changed."
- "You found a row in our room: ____."

Sentence starters for children

- A row goes ____.
- A column goes ____.
- This array has ____ rows and ____ columns.
- I found a row of ____ in our room.

For the note home

- This week we are learning rows (across) and columns (up and down).
- Your child can show you a row of ____ at home.
- Look for a column of ____ together (windows, steps, buttons).
- Thank you for ____ (what the family did to help).

PREVIEW