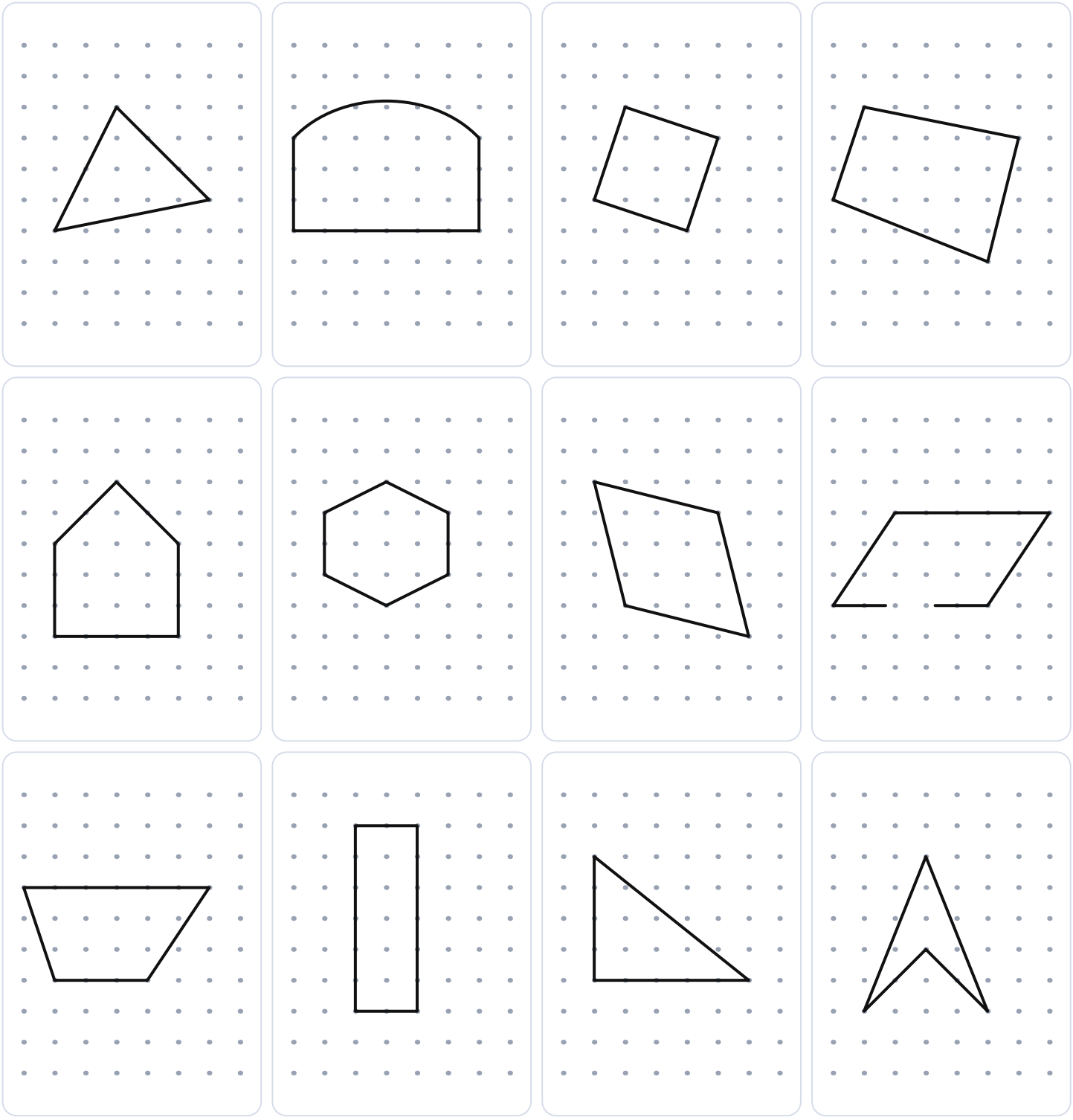
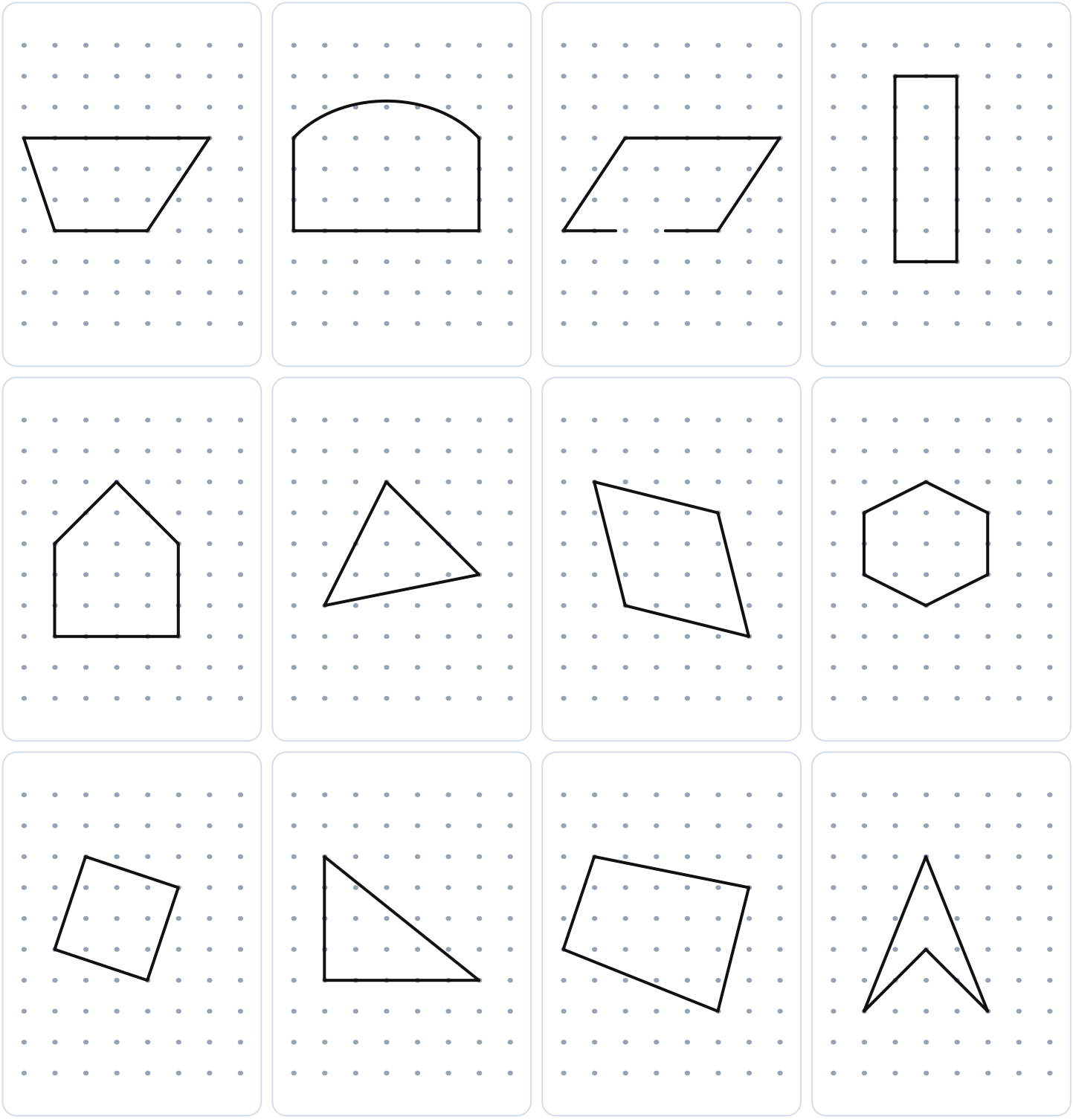
Quadrilateral Sort: Quadrilateral or Not?

Set A. Circle every quadrilateral: 4 straight sides, closed.



Quadrilateral Sort: Quadrilateral or Not?

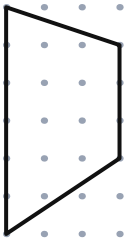
Set B. Circle every quadrilateral: 4 straight sides, closed.

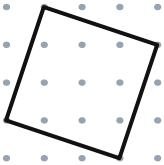


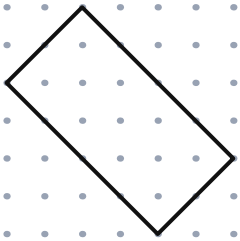
Quadrilateral Sort: Name It

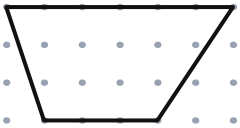
Set A. Write the best name: the one that tells the most. Use the word bank.

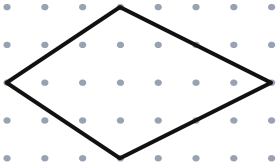
square	rectangle	rhombus	parallelogram	trapezoid	kite	quadrilateral

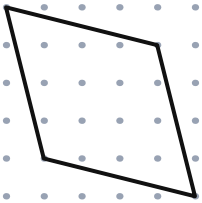


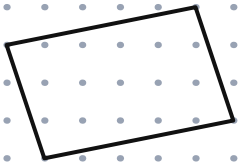


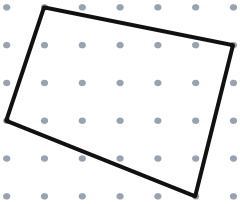








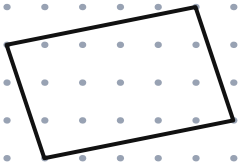


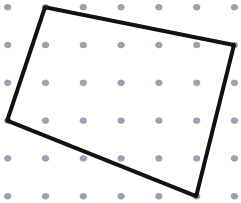


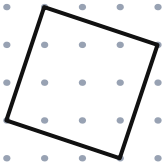
Quadrilateral Sort: Name It

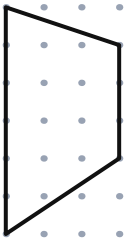
Set B. Write the best name: the one that tells the most. Use the word bank.

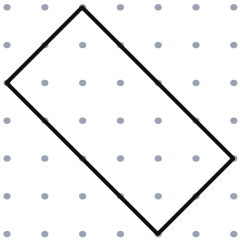
square rectangle rhombus parallelogram trapezoid kite quadrilateral

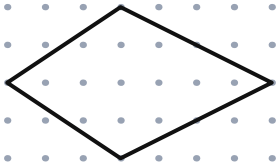


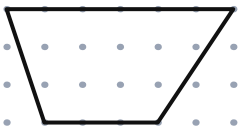


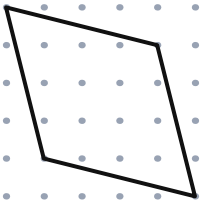






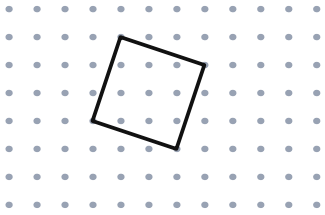
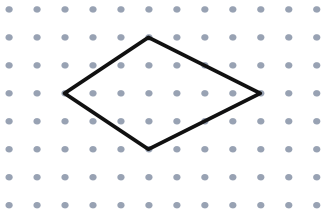
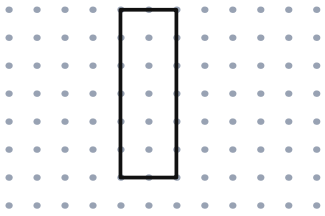
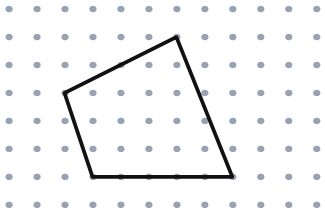
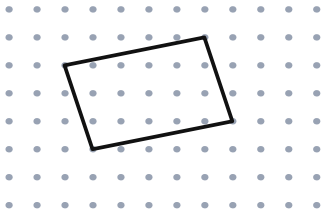
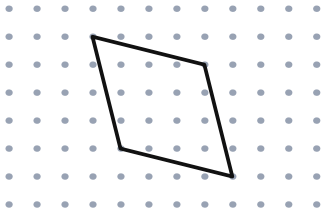






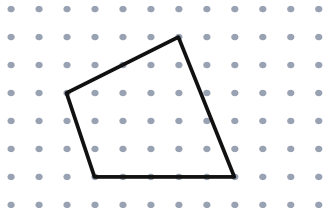
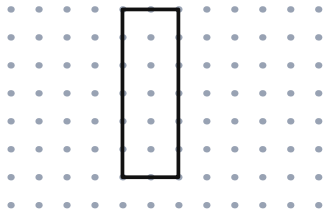
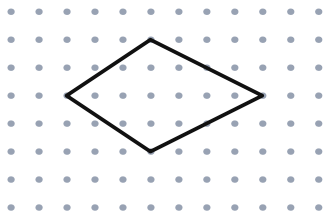
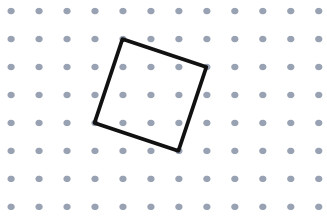
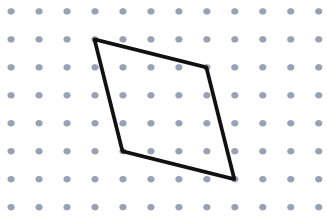
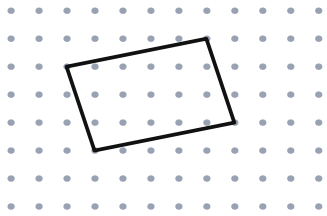
Quadrilateral Sort: Every Name That Fits

Set A. Tick every name that fits each shape.

	quadrilateral	parallelogram	rectangle	rhombus	square
	☐	☐	☐	☐	☐
	☐	☐	☐	☐	☐
	☐	☐	☐	☐	☐
	☐	☐	☐	☐	☐
	☐	☐	☐	☐	☐
	☐	☐	☐	☐	☐

Quadrilateral Sort: Every Name That Fits

Set B. Tick every name that fits each shape.

	quadrilateral	parallelogram	rectangle	rhombus	square
	☐	☐	☐	☐	☐
	☐	☐	☐	☐	☐
	☐	☐	☐	☐	☐
	☐	☐	☐	☐	☐
	☐	☐	☐	☐	☐
	☐	☐	☐	☐	☐

Quadrilateral Sort: Draw It

Set A. Draw each shape on the dots. Use a ruler if you like.

a quadrilateral with 2 long equal sides and 2 short equal sides that is not a rectangle

a trapezoid

a quadrilateral that is not a square, a rectangle or a rhombus

a rhombus that is not a square

Quadrilateral Sort: Draw It

Set B. Draw each shape on the dots. Use a ruler if you like.

a trapezoid

a quadrilateral with 2 long equal sides and 2 short equal sides that is not a rectangle

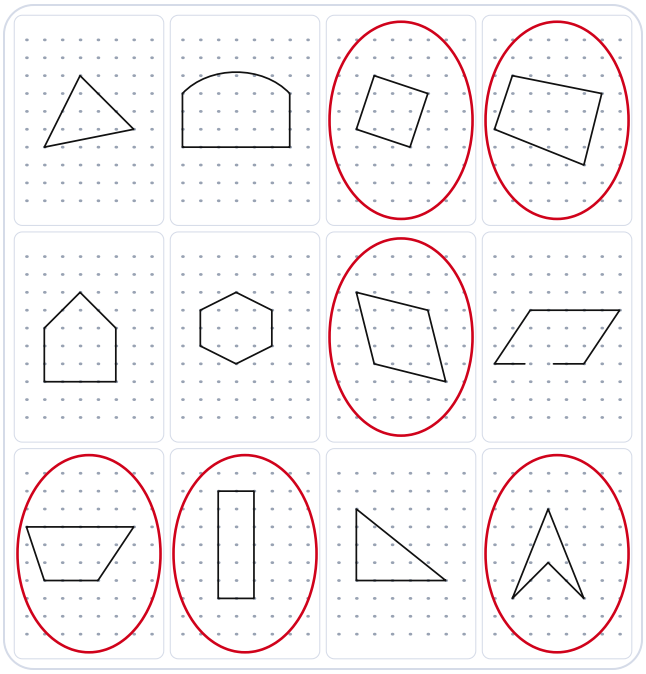
a quadrilateral that is not a square, a rectangle or a rhombus

a rhombus that is not a square

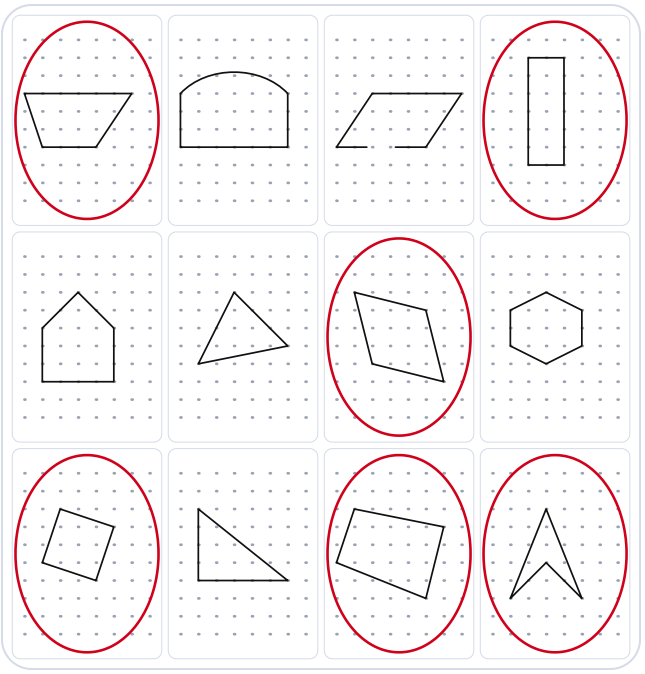
Quadrilateral Sort: Answer Key, Pages 1 to 4

For the grown-up. Each quadrilateral is ringed, and each best name written, in red.

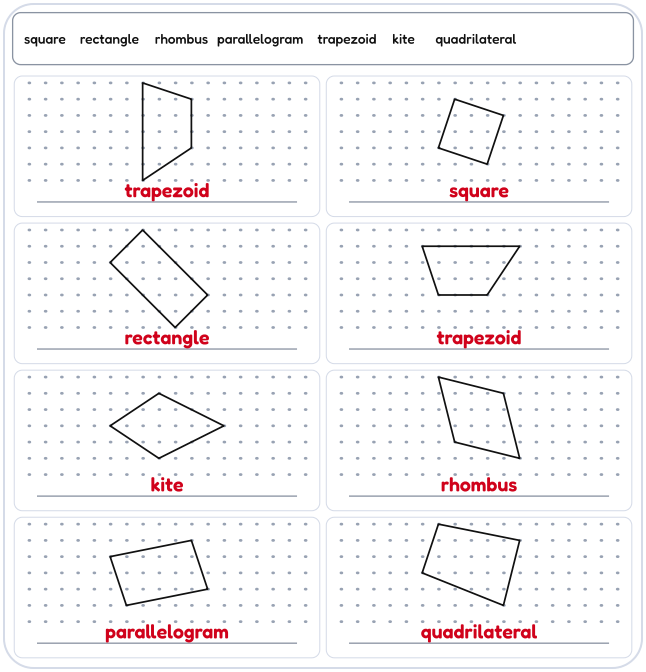
Page 1: quadrilateral or not?, set A



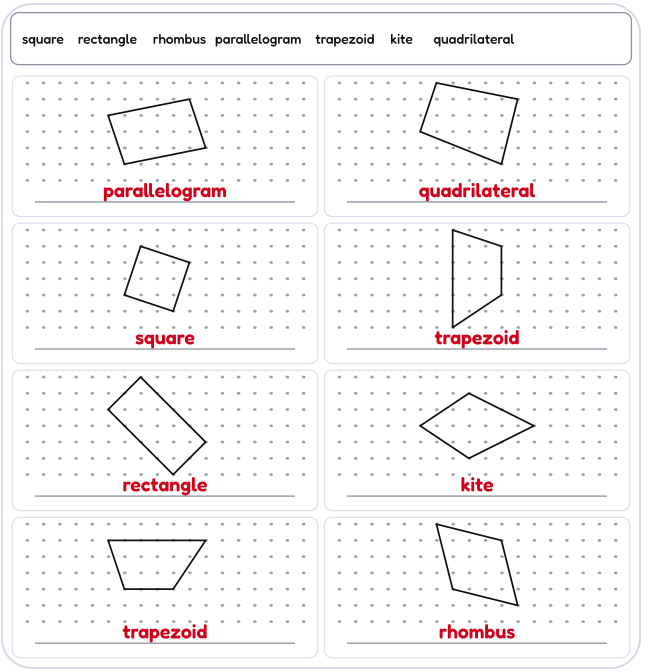
Page 2: quadrilateral or not?, set B



Page 3: name it, set A



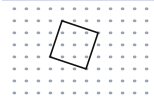
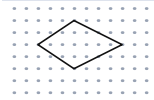
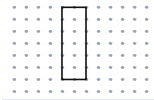
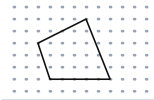
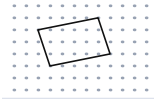
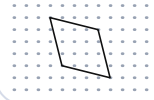
Page 4: name it, set B



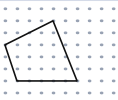
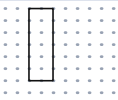
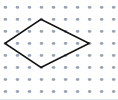
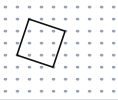
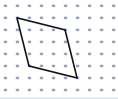
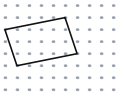
Quadrilateral Sort: Answer Key, Pages 5 to 8

For the grown-up. Every name that fits is ticked; each drawing is one possible answer.

Page 5: every name that fits, set A

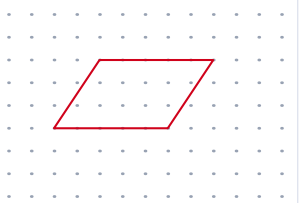
	quadrilateral	parallelogram	rectangle	rhombus	square
	✓	✓	✓	✓	✓
	✓				
	✓	✓	✓		
	✓				
	✓	✓			
	✓	✓		✓	

Page 6: every name that fits, set B

	quadrilateral	parallelogram	rectangle	rhombus	square
	✓				
	✓	✓	✓		
	✓				
	✓	✓	✓	✓	✓
	✓	✓		✓	
	✓	✓			

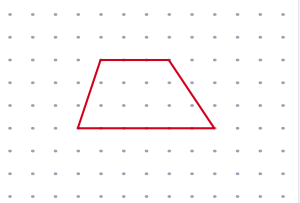
Page 7: draw it, set A

a quadrilateral with 2 long equal sides and 2 short equal sides that is not a rectangle



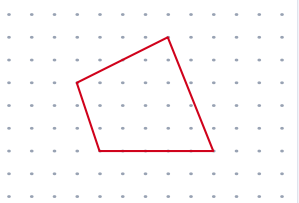
one possible answer
check: 2 long sides match, 2 short sides match, corners not square

a trapezoid



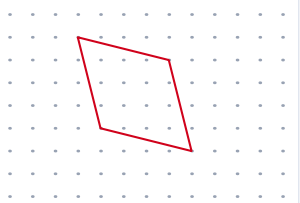
one possible answer
check: one pair of parallel sides

a quadrilateral that is not a square, a rectangle or a rhombus



one possible answer
check: not 4 square corners, not 4 equal sides

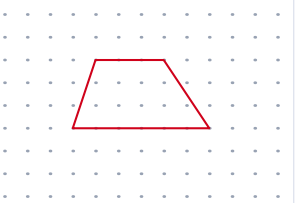
a rhombus that is not a square



one possible answer
check: 4 equal sides, corners not square

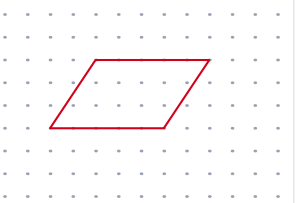
Page 8: draw it, set B

a trapezoid



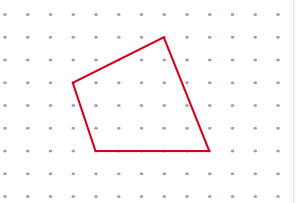
one possible answer
check: one pair of parallel sides

a quadrilateral with 2 long equal sides and 2 short equal sides that is not a rectangle



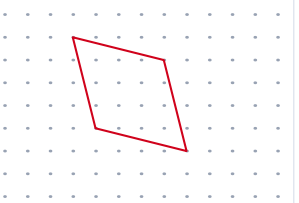
one possible answer
check: 2 long sides match, 2 short sides match, corners not square

a quadrilateral that is not a square, a rectangle or a rhombus



one possible answer
check: not 4 square corners, not 4 equal sides

a rhombus that is not a square



one possible answer
check: 4 equal sides, corners not square

For Grown-Ups: How to Use These Worksheets

One activity at a time. Each prints twice, the same items in a new order. For third grade.

Why use it

Third graders sort quadrilaterals by what they share and draw ones that fit none of the named types (Common Core 3.G.A.1, TEKS 3.6(B)). Naming and drawing a shape by what it must have shows a child knows the rule, not only the picture.

What it is good for

- Telling a quadrilateral from a shape with a gap, a curve, or the wrong number of sides.
- Choosing the name that tells the most, and every name that fits.
- Drawing quadrilaterals to order on dot paper.

How to use it

1. Read the instruction together before each page.
2. Test corners with the corner of a sheet of paper, and parallel sides with a strip of paper slid across.
3. On Name It, write the name that tells the most: square, not just quadrilateral.
4. On Draw It, join the dots with a ruler, then check the drawing with the same paper tests.
5. Check with the answer key, in red. A drawing that passes its check is right, even if it is not the key's.

> **Try saying:** “Does it have square corners? Are all the sides equal? So what is its best name?”

Tip: Every trapezoid here has exactly one pair of parallel sides, so it is right under both definitions schools use, and no question asks whether a parallelogram is a trapezoid.