

1 Warm-up: Shape Math

2-min Fluency Warm-up — Shape math in your head.

Sides on 2 triangles: _____

Vertices on 2 squares: _____

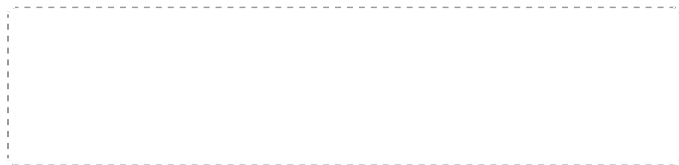
Sides on a pentagon + a triangle: _____

Vertices on 3 triangles: _____

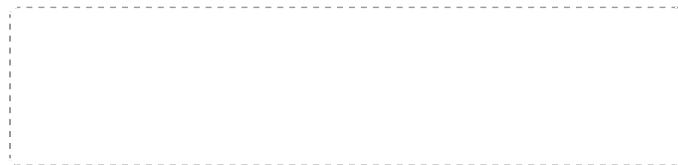
2 Draw the Shape

Read the attributes, then draw the shape. Use a ruler for straight sides!

Draw a polygon with exactly 3 vertices.



Draw a quadrilateral that is NOT a square.



Draw a polygon with 5 sides.



Draw a closed shape that is NOT a polygon.



3 Real-World Word Problems

Shapes are everywhere! Read carefully and think about what is happening.

A soccer ball pattern uses pentagons and hexagons.
One pentagon and one hexagon are side by side.
How many sides do they have altogether?

My thinking: _____

_____ sides

Dad cuts a square sandwich along one line from corner to corner. What two shapes does he make?
How many vertices does each new shape have?

Draw your thinking: _____

Shapes: _____ Vertices each:

4 Number Talk: Squares & Quadrilaterals

Number Talk — Explain WITHOUT drawing or counting.

Which has more vertices in all: 3 triangles or 2 quadrilaterals? Explain how you know quickly.

My thinking: _____

Rosa says every square is a quadrilateral. Leo says every quadrilateral is a square. Who is right?

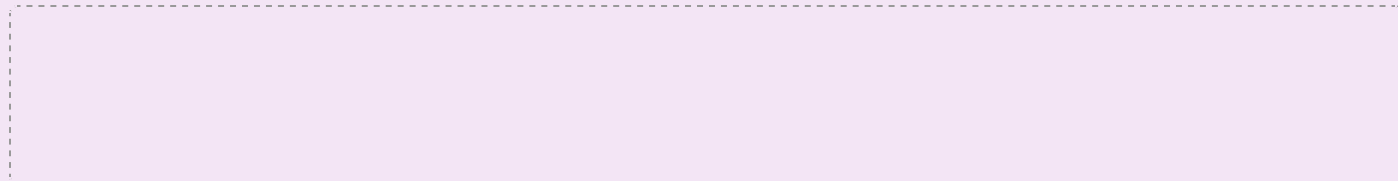
Explain.

My thinking: _____

5 Challenge: Create Your Own

Create Your Own Shape Picture

Draw a picture (a robot, house, rocket...) using at least 1 triangle, 1 quadrilateral, and 1 hexagon. Then count your shapes.



Triangles: _____ Quadrilaterals: _____ Hexagons: _____