

Unit: 4th – Geometry

Lesson: Geometry Warm-Ups

Shape Sorter

Materials

- Shape sorter boards
- Shape sorter Cards
- Dry erase markers/erasers

To Play: Shuffle the shape cards and place them face down in a pile where everyone can reach them.

Players take turns drawing a shape card and making tally marks on their shape sorter board for each category where that shape fits. For example, if a player draws a square, she can put a mark in polygon, quadrilateral, parallelogram, rectangle, rhombus & square. If a player draws a triangle, he can put a mark in polygon and triangle.

Return each card to the bottom of the stack when you are finished with it.

Hint: Teach the scholars to keep track of tally marks in groups of 5 (𠄎). This is a good habit for the scholars to learn because it will come up in the unit on data analysis.

To Win: First player to get 25 points (tally marks) wins.

Official category definitions

- Polygon – closed flat figure made up of any number of straight sides
- Triangle – 3 sides & 3 angles
- Quadrilateral – 4 sides & 4 angles
- Parallelogram – 4 sides, 2 pairs of parallel lines
- Rectangle – 4 sides, 4 right angles
- Rhombus – 4 equal sides, does not have to have right angles
- Square – 4 equal sides, 4 right angles
- Trapezoid - 4-sides, exactly one pair of parallel lines
- Pentagon – 5 sides & 5 angles
- Hexagon – 6 sides & 6 angles

Print: one-sided

Shape Sorter Board

Polygon

closed flat figure made up of any number of straight sides

Triangle

3 sides & 3 angles

Quadrilateral

4 sides & 4 angles

Parallelogram

4 sides, 2 pairs of parallel lines

Rectangle

4 sides, 2 pairs of parallel lines, 4 right angles

Rhombus

4 equal sides, 2 pairs of parallel lines

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Shape Sorter Board

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Rectangle

4 sides, 2 pairs of parallel
lines, 4 right angles

Rhombus

4 equal sides, 2 pairs of
parallel lines

Square

4 equal sides, 2 pairs of
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Trapezoid

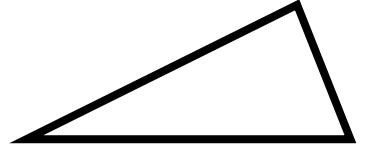
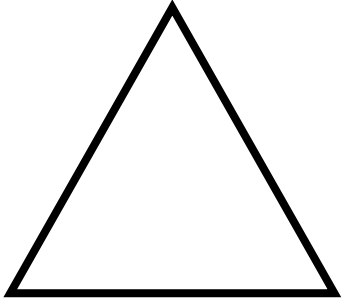
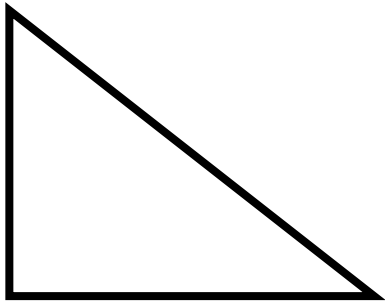
4 sides, exactly one pair of
parallel lines

Pentagon

5 sides & 5 angles

Hexagon

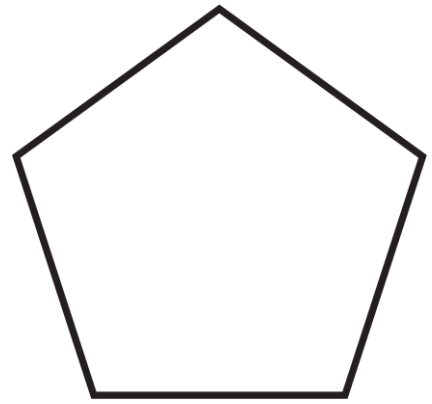
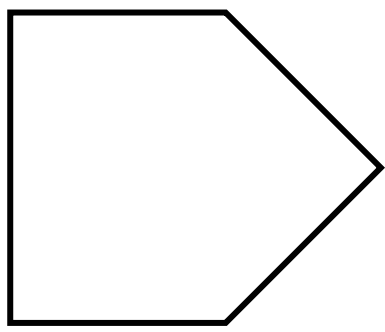
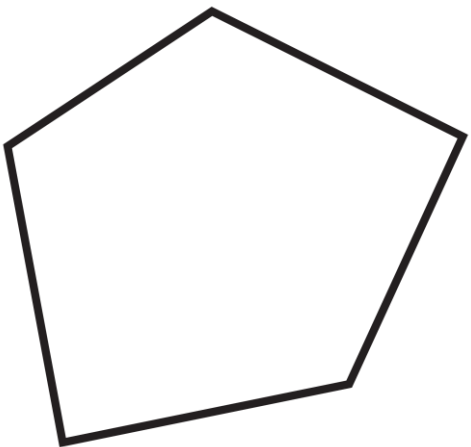
6 sides & 6 angles



Geometry warm-ups – Shape Sorter

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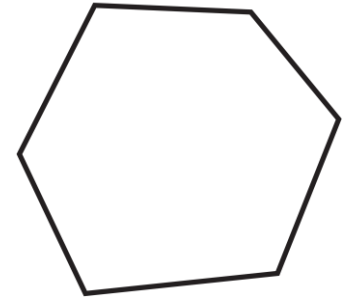
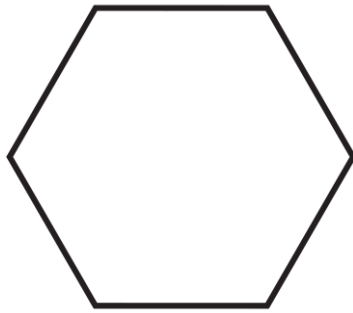
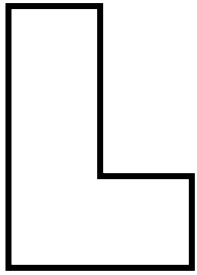
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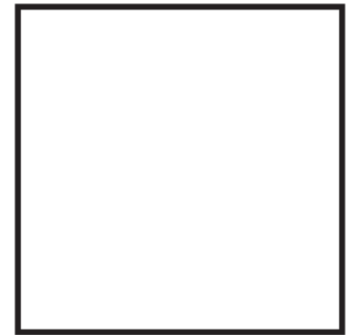
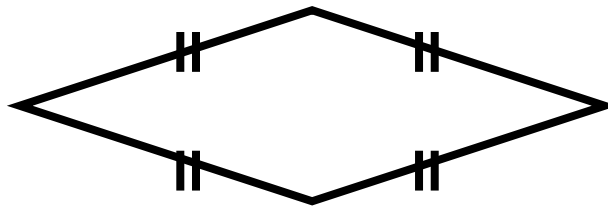
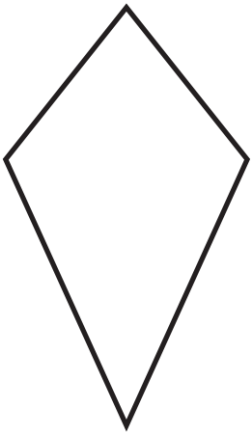
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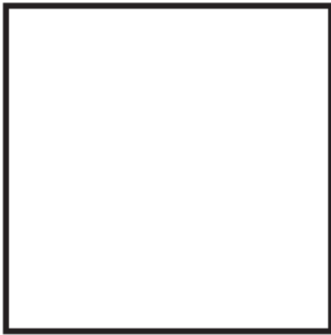
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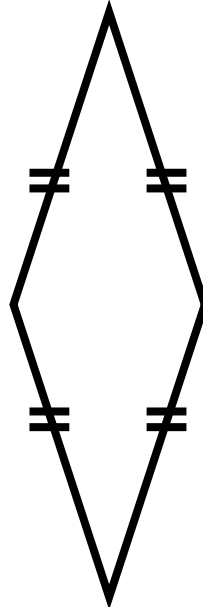
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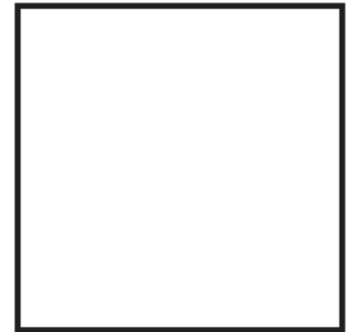
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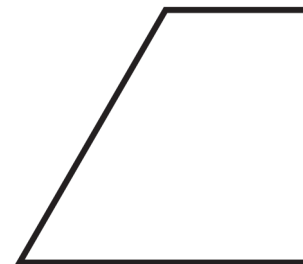
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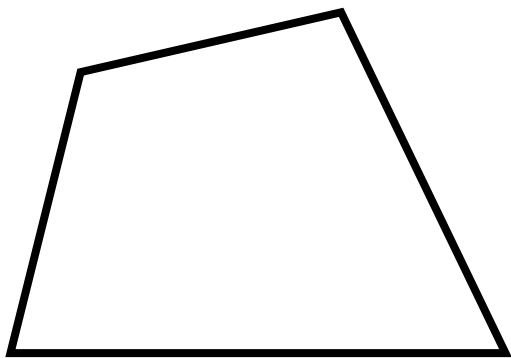
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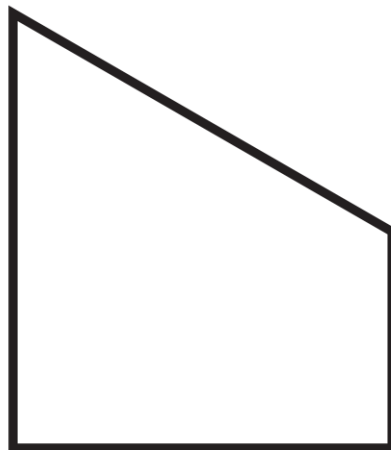
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