

Name _____ Date _____

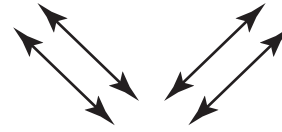
Blank Bingo Board

Bingo Figures

A 5x5 grid of various geometric shapes for a bingo activity. The shapes are as follows:

Polygons and Their Attributes

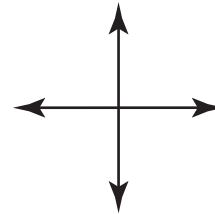
Parallel lines are always the same distance apart and never touch.



A **right angle** forms a square corner.

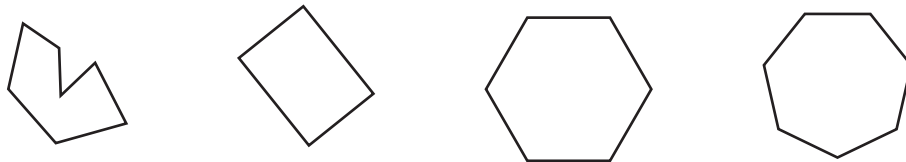


If two lines intersect to form right angles, they are **perpendicular** to each other.

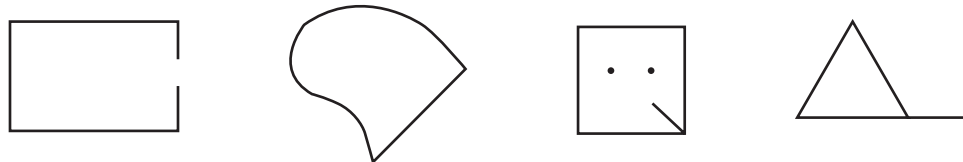


Polygons have all straight sides that connect at the endpoints to form one inside, without any extra lines inside or outside.

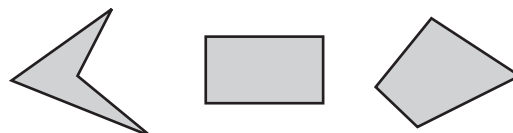
These are **polygons**:



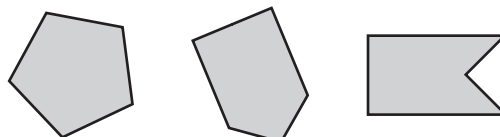
These are **not polygons**:



Quadrilaterals are four-sided polygons.

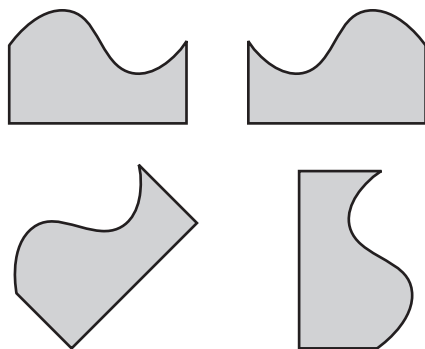


Pentagons are five-sided polygons.



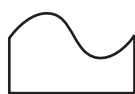
Congruence and Symmetry

Congruent figures are the same size and shape.
All the figures below are congruent.



Same shape and size,
just flipped or turned.

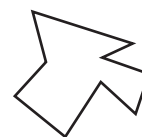
These figures are **NOT** congruent to the figures above.



Same shape,
but too small



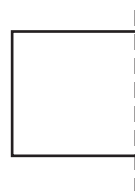
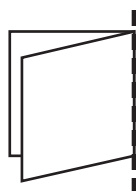
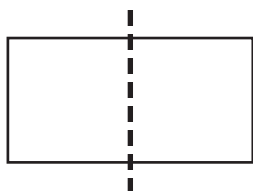
About the same size,
but not the same shape



Not even close!

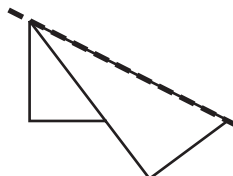
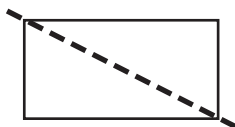
If you can fold a figure so the two parts match exactly,
the crease is a **line of symmetry** for that figure.

This dashed line is a line of symmetry:



An exact match!

This dashed line is **NOT** a line of symmetry:



No match!