



Family Math Engagement Grab & Go: Geometry

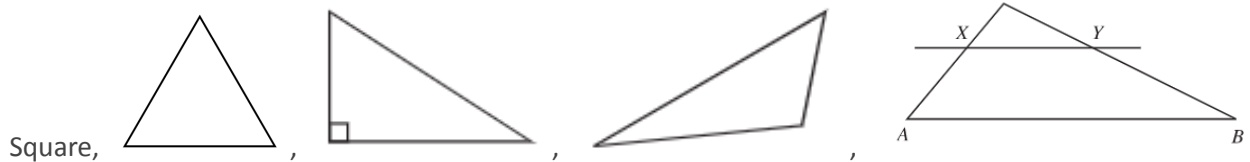
This activity would be best used by:	
<input type="checkbox"/> Schools	<input checked="" type="checkbox"/> Families

Materials:

- Paper and pencil
- Straight edge (not required, but helpful)

Steps:

1. Ask your child to draw the following: **line**, **ray**, **perpendicular lines**, **parallel lines**, **a right angle**, **an acute angle**, **a straight angle**, and **an obtuse angle**.
2. Talk about where these show up in the real world.
For example: a four-way stop is an example of perpendicular lines.
3. Have students explain the following shapes using the bolded terms above.

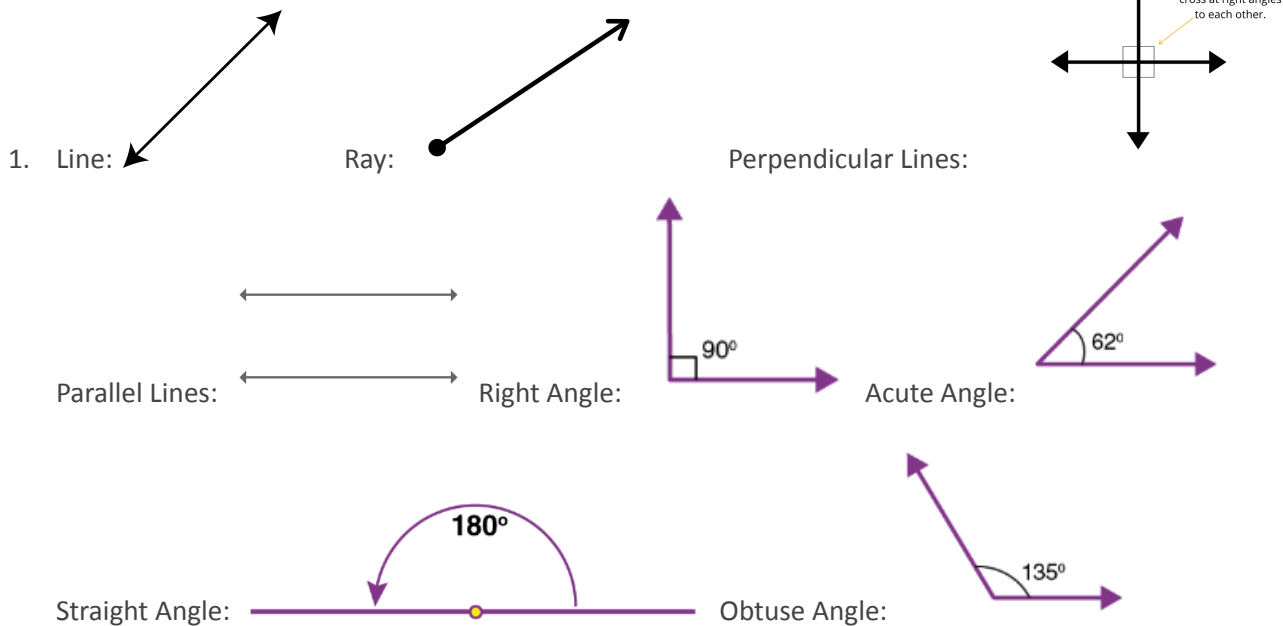


Lagniappe:

- While driving, have your child look for examples of these in street signs, parking lots, etc.



Answer Key:



2. Line: Lines on a sheet of paper
 Ray: Flashlight beam of light
 Perpendicular lines: two streets at a four-way stop
 Parallel lines: Train tracks
 Right angle: Where the floor meets the wall
 Acute angle: Scissors
 Straight angle: Ping Pong table opened up
 Obtuse angle: an opened recliner
3. A square can be described as having 4 line segments and 4 right angles.
 Triangle #1 has 3 line segments and 3 acute angles.
 Triangle #2 has 3 line segments, 2 acute angles, and 1 right angle.
 Triangle #3 has 3 line segments, 2 acute angles, and 1 obtuse angle.
 Triangle #4 has a line crossing it, which makes a straight angle with vertex "X". It also has 2 parallel lines.