

Curve or Straight

Spot lines in shapes and everyday objects.

2.GSR.7 "Draw and partition shapes and other objects with specific attributes, and conduct observations of everyday items and structures to identify how shapes exist in the world."

NAME _____

DATE _____

HAS CURVES

The outline has at least one part that bends. A curved line does not go straight.

an oval

ONLY STRAIGHT LINES

The outline is made only of straight lines. None of its lines bend.

a pentagon

1 SORT _____ 8 items

Circle CURVES or STRAIGHT for each item, then choose two items and explain how you knew.

1. a round coin

CURVES

STRAIGHT

2. a triangle tile

CURVES

STRAIGHT

3. a rectangular door

CURVES

STRAIGHT

4. a crescent moon

CURVES

STRAIGHT

5. a heart-shaped cookie

CURVES

STRAIGHT

6. a hexagon tile

CURVES

STRAIGHT

7. a rainbow

CURVES

STRAIGHT

8. a circular window

CURVES

STRAIGHT

2 PROVE IT Explain your thinking

Pick two items from Part 1. For each one, tell how you knew where it belonged.

ITEM # _____ HOW I KNEW _____

ITEM # _____ HOW I KNEW _____

3 MAKE YOUR OWN One of each

Write one new CURVES example and one new STRAIGHT example.

CURVES _____

STRAIGHT _____

CHALLENGE

Draw a shape with two straight lines and one curved line. Circle the curved line.

PART 1 • SORT

#	ITEM	CATEGORY	WHY
1	a round coin	CURVES	Its outline is curved.
2	a triangle tile	STRAIGHT	It has three straight lines.
3	a rectangular door	STRAIGHT	Its outline has four straight lines.
4	a crescent moon	CURVES	Its outline has curved parts.
5	a heart-shaped cookie	CURVES	Its outline has curved parts.
6	a hexagon tile	STRAIGHT	It has six straight lines.
7	a rainbow	CURVES	Its bands curve.
8	a circular window	CURVES	Its outline is curved.

PART 2 • PROVE IT

Accept any explanation that names the deciding feature from the rule box for the chosen item.

PART 3 • MAKE YOUR OWN (SAMPLE ANSWERS)

- **CURVES:** a semicircle
- **STRAIGHT:** a parallelogram

Challenge: A quarter circle with the curved arc circled.

For Part 2, each explanation should name a curved part or tell that all of the lines are straight. In the challenge, accept any drawing with two straight lines and one curved line.