# Shape Spotters

Students connect named real-world objects to flat and solid shape models.

**MA.1.GR.1.4** "Given a real-world object, identify parts that are modeled by two- and three-dimensional figures. Figures are limited to semi-circles, triangles, rectangles, squares and hexagons, spheres, cubes, rectangular prisms, cones and cylinders."

NAME _____ DATE _____

Teacher: this page is run aloud. The script and answers are on the guide page.

## 1 FLAT PARTS

a. TRIANGLE SEMICIRCLE RECTANGLE

b. SQUARE HEXAGON RECTANGLE

c. HEXAGON TRIANGLE SQUARE

## 2 SOLID MATCH

| | | | |
|---|---|---|---|
| CAN | • | • | SPHERE |
| DIE | • | • | CYLINDER |
| BALL | • | • | CUBE |

**ANSWER KEY** # Shape Spotters

**GRADE 1 · MA.1.GR.1.4**

## HOW TO RUN THIS PAGE

Supply an actual closed can, a large cube-shaped block or die, a ball, and a rectangular box. Provide a semicircular paper cutout with seeds drawn as a watermelon slice, and a regular hexagonal paper tile labeled as a model of a honeycomb cell. Point to an actual rectangular door. Read all names aloud; these objects are approximated by geometric models.

Students never read directions on this sheet. Read each part's script aloud, then each prompt, giving think time before students mark.

## PART 1 · FLAT PARTS

**SAY** "I will read the object and the shape words in each row. Can you circle the shape word that models the flat part I name?"

| ROW | SAY | STUDENTS CIRCLE |
|---|---|---|
| a | Look at the watermelon slice picture I am showing. Its flat face has one straight edge and one curved edge. I will read the choices: triangle, semicircle, rectangle. Which word models this face? | **SEMICIRCLE** |
| b | A door has a flat front shaped like one of these. I will read the words: square, hexagon, rectangle. Which word models the front of a door? | **RECTANGLE** |
| c | One cell of a honeycomb has a flat face shaped like one of these. I will read the words: hexagon, triangle, square. Which word models the face? | **HEXAGON** |

## PART 2 · SOLID MATCH

**SAY** "Handle the actual can, cube block and ball. Identify the solid model before matching its name. Then point to a flat face of the box and describe its rectangle shape. Explain how that flat face differs from the whole box, which is a rectangular prism. The left words name things, and the right words name solid shapes. I will read each word. Can you draw a line from each thing to the solid shape that models it?"

- **CAN** matches **CYLINDER**
- **DIE** matches **CUBE**
- **BALL** matches **SPHERE**

## WHAT TO ACCEPT

Flat Parts answers are semicircle, rectangle, and hexagon, in row order. Solid Match lines are can to cylinder, die to cube, and ball to sphere. Observe direct identification using the supplied objects/cutouts, not vocabulary guessing. A rectangular face is2D; the box occupies3Dspace. Can approximates cylinder,blockcube,ballsphere. Read the hexagonal tile as a face-shape model, not a claim that a cell is itself2D.