Flat or Solid

Students sort shape names as flat shapes or solid shapes.

NY-K.G.3 "Understand the difference between two-dimensional (lying in a plane, "flat") and three-dimensional ("solid") shapes."

NAME _____ DATE _____

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

1 CIRCLE IT

a	cube	circle	cone
b	rectangle	sphere	cylinder
c	triangle	hexagon	cone

2 WRITE F OR S

circle	
sphere	
square	

ANSWER KEY

Flat or Solid

KINDERGARTEN · NY-K.G.3

HOW TO RUN THIS PAGE

Supply a cube block, ball, cone model and cylinder model. Draw circle,rectangle,triangle,hexagon and square outlines on paper; trace them with a finger. Present the relevant actual model or outline as each name is read. Explain that the drawn outline models a2Dfigure; the physical paper itself has thickness. Read aloud.

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

PART 1 · CIRCLE IT

SAY "Point to the matching outline or solid model before choosing. A flat geometric figure lies in a plane; a solid extends in three dimensions. Flat shapes lie on paper. Solid shapes are not flat and have thickness. Listen to each row, then circle the shape name that answers the question."

ROW	SAY	STUDENTS CIRCLE
a	The words are cube, circle, cone. Which word names a flat shape? Circle it.	**circle**
b	The words are rectangle, sphere, cylinder. Which word names a flat shape? Circle it.	**rectangle**
c	The words are triangle, hexagon, cone. Which word names a solid shape? Circle it.	**cone**

PART 2 · WRITE F OR S

SAY "I will read the shape name beside each box. If it names a flat shape, write F in the box. If it names a solid shape, write S in the box. Explain one choice by tracing its outline or holding the solid. Do not decide only from whether a shape has been drawn on paper: a drawing can represent a solid."

- Box 1 (beside circle): **F**
- Box 2 (beside sphere): **S**
- Box 3 (beside square): **F**

WHAT TO ACCEPT

Circle It answers are circle, rectangle, and cone. In Write F or S, accept uppercase or lowercase F, S, f, or s: circle F, sphere S, square F. Observe reference to the actual model/outline and an accurate2D/3Dexplanation. A drawing of a sphere represents a solid; the ink mark is not the represented object. Circle,rectangle,cone; F,S,F remain the key.