Name_____ Date_____ Period_____

LESSON 5-6 · SESSION 2 · PREREQUISITE PRACTICE A · SKILL 1 OF 2

Name Polygons by Their Sides

Builds on Grade 2 · 2.G.A.1

TODAY'S LESSON	You will name a solid from its net, like 2 pentagons + 5 rectangles.
YOU NEED TO	Name a polygon from its number of sides. **You will use it in Practice Form A, problems 1 and 8.**

STEPS TO FOLLOW

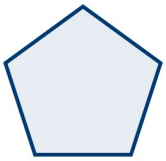
use these same steps on every problem

1. **Count** the sides of the shape.
2. **Match**: 3 triangle, 4 quadrilateral, 5 pentagon, 6 hexagon, 8 octagon.
3. **Write** the name of the shape.

WATCH ME

the steps in action

Name this shape.



Step 1 Count: 5 sides.

Step 2 5 sides match pentagon.

Step 3 It is a pentagon.

Answer **pentagon**

TRY IT WITH HELP

fill in each step

1. A shape has 8 sides. Name it.

Step 1 Sides: _____

Step 2 8 sides match _____

Step 3 It is an _____.

2. A shape has 6 sides. Name it.

Step 1 Sides: _____

Step 2 6 sides match _____

Step 3 It is a _____.

YOUR TURN

use the steps on your own

3. Name each shape.

a. 3 sides _____

b. 5 sides _____

c. 8 sides _____

d. 4 sides _____

e. 6 sides _____

f. 4 equal sides, square corners _____

Find the Area of Squares

Builds on Grade 4 · 4.MD.A.3

TODAY'S LESSON	You will find the area of a cube face, like a 7 cm square.
YOU NEED TO	Find a square's area: side × side, like 13 × 13. **You will use it in Practice Form A, problems 2 and 5.**

STEPS TO FOLLOW

use these same steps on every problem

1. **Find** the side length.
2. **Multiply** the side by itself: s × s.
3. **Write** square units, like cm².

WATCH ME

the steps in action

A square face has sides of 13 in. Find its area.

Step 1 Side: 13 in.

Step 2 13 × 13 = 130 + 39 = 169.

Step 3 Unit: in².

Answer **169 in²**

TRY IT WITH HELP

fill in each step

4. A square face has sides of 9 ft. Find its area.

Step 1 Side: _____ ft

Step 2 9 × 9 = _____

Step 3 Unit: _____

5. A square face has sides of 12 cm. Find its area.

Step 1 Side: _____ cm

Step 2 12 × 12 = _____

Step 3 Unit: _____

YOUR TURN

use the steps on your own

6. Find the area of each square face.

a. side 3 cm _____ **b.** side 6 m _____ **c.** side 8 in _____

d. side 11 ft _____ **e.** side 15 cm _____ **f.** side 20 m _____

READY CHECK

a problem like the one in today's lesson

7. A cube has 6 cm edges. What is the area of one face?

A 12 cm² **B** 24 cm² **C** 36 cm² **D** 216 cm²

CHECK YOURSELF ☐ I can do this on my own ☐ I need a little help ☐ I have a question about #____