NAME ——————————————————————— DATE ————

WARM-UP EXERCISES
For use before Lesson 12.6, pages 759–765

Lesson 12.6

Find the volume of the figure.

1. right cylinder, radius of 10 and height of 4

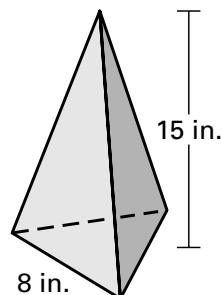**2.** right cone, base diameter of 18, height of 8

Find the surface area of the figure.

3. right cylinder, radius of 9 and height of 11

4. right cone, radius of 5, slant height of 6

DAILY HOMEWORK QUIZ
For use after Lesson 12.5, pages 751–758

1. Find the volume of the pyramid
with the regular base.

15 in.

8 in.

2. A right cone has a radius of 6 ft and a slant height of 9 ft.
What is its volume? Round the result to two decimal places.

3. A cone has a diameter of 10 m and a volume of 150π m^3.
What is its height?

4. Find the volume of the solid.

10 cm

6 cm

6 cm

Geometry
Chapter 12 Resource Book