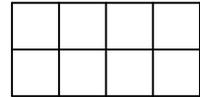# Practice Geometry Test

1. What is the area, in square centimeters, of a right triangle with legs measuring 6 and 11 cm?

2. What is the volume, in cubic centimeters, of a right square prism with base edges measuring 5 cm and a height of 8 cm?

3. What is the perimeter, in centimeters, of a rectangle with sides measuring 8 and 11 cm?

4. How many rectangles are there in the figure to the right?

5. What is the area, in square centimeters, of a circle with a radius of 8 cm?

6. What is the area, in square centimeters, of an equilateral triangle with sides measuring 4 cm?

7. What is the hypotenuse, in centimeters, of a right triangle with legs measuring 12 and 16 cm?

8. If two legs of a triangle measure 25 and 33 cm, how many integers could be the length of the third side in centimeters?

9. How many diagonals can be drawn in a convex 12-gon?

10. A cow is tied to an outside corner of a rectangular barn with sides measuring 60 by 100 m. If the cow's tether is 80 meters long, what is the area, in square meters, of the region the cow can graze?