

8.1 & 8.2 Quiz Review Handout

Use 3.14 for  $\pi$  throughout the quiz.

Formulas:

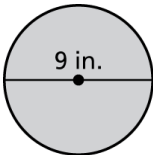
$$C = 2\pi r$$

$$C = \pi d$$

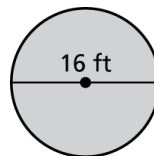
$$A = \frac{1}{2}h(b_1 + b_2)$$

Find the radius of the circle.

1.

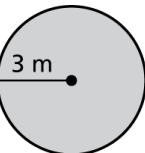


2.

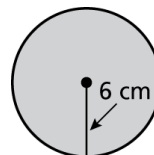


Find the diameter of the circle.

3.

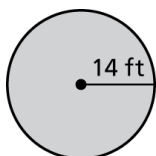


4.

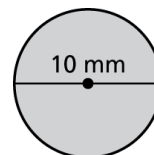


Find the circumference of the circle. Use 3.14 for  $\pi$ .

5.

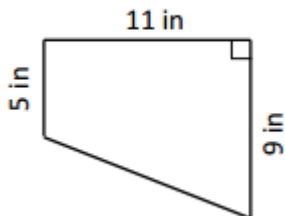


6.

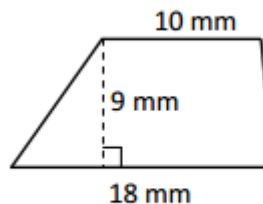


Find the area of each trapezoid.

7.

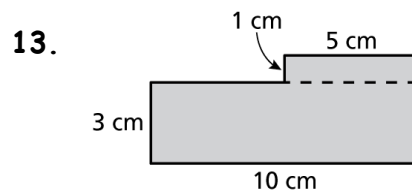
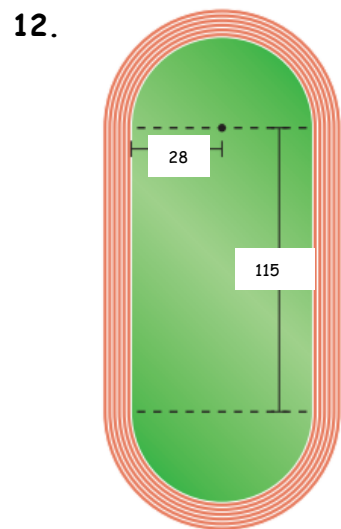
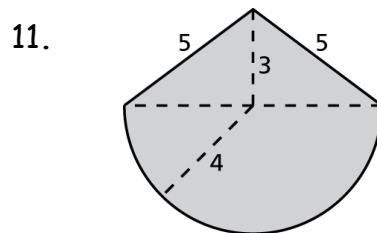


8.



9. A bike wheel has a circumference of 65.94 inches. What is the radius of the wheel?

Find the perimeter of the figure.



14. You are putting an invisible dog fence around the perimeter of your yard. If the fencing costs \$2.75 per foot, how much will you spend to fence in your yard?

