
REVIEWING PRIOR CONCEPTS

Name: _____

Date: _____

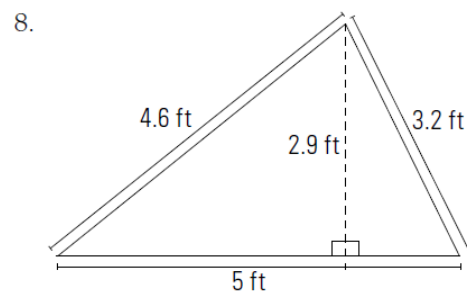
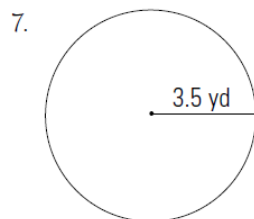
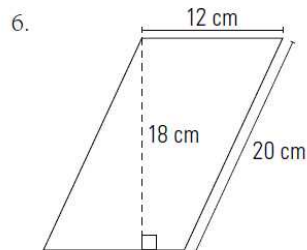
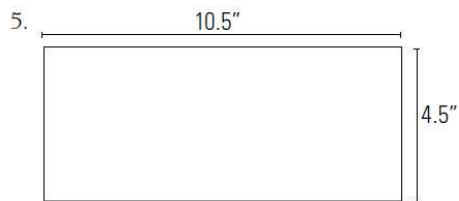
Order of Operations

Determine the value of each expression below using the order of operations.

- $5^2 \times 3 - (84 - 37)$
- $(22 - 25)^3 + [(13 - 7) + 3]$
- $\left(\frac{36}{9}\right)^2 \times 2 - 15 \div (-3)$
- $(-4)^3 + (5 - 11)^2 \div 12 + 20$

Finding the Area of Composite Figures

Find the area of the figures below.



Working with Formulas

Determine the value of the expression for the given value of each variable.

- $4\pi r^2$ ($r = 3.4$)
- $\frac{1}{3}\pi r^2 h$ ($r = 5.2, h = 8$)
- $\pi r s + \pi r^2$ ($r = 3, s = 4.3$)
- $2\pi r^2 + 2\pi r h$ ($r = 6.7, h = 12.3$)

Converting Measurements Within and Between the SI and Imperial Systems

Convert the given measurement into the indicated unit.

- 4.56 km; metres
- 56.64 yd; inches
- 27.2 feet; cm
- 89.2 miles; km