Are YOU Ready?

Complete these exercises to review skills you will need for this module.

Use of Parentheses

EXAMPLE

$\frac{1}{2}(14)(12 + 18) = \frac{1}{2}(14)(30)$ *Perform operations inside parentheses first.*

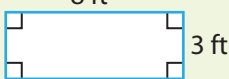$= 7(30)$ *Multiply left to right.*

$= 210$ *Multiply again.*

Evaluate.

1. $\frac{1}{2}(3)(5 + 7)$ **2.** $\frac{1}{2}(15)(13 + 17)$ **3.** $\frac{1}{2}(10)(9.4 + 3.6)$ **4.** $\frac{1}{2}(2.1)(3.5 + 5.7)$

_____   _____   _____   _____

Area of Squares, Rectangles, Triangles

EXAMPLE Find the area of the rectangle.

8 ft

3 ft

$A = bh$ *Use the formula for area of a rectangle.*

$= 8 \cdot 3$ *Substitute for base and height.*

$= 24$ *Multiply.*

Area equals 24 square feet.

Find the area of each figure.

5. a triangle with base 6 in. and height 3 in. _____

6. a square with sides of 7.6 m _____

7. a rectangle with length $3\frac{1}{4}$ ft and width $2\frac{1}{2}$ ft _____

8. a triangle with base 8.2 cm and height 5.1 cm _____