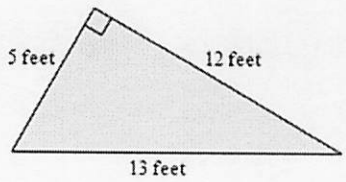
Area Warm-Up

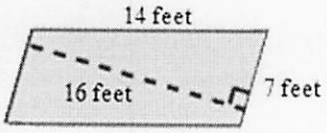
Name _____

5/5/2014

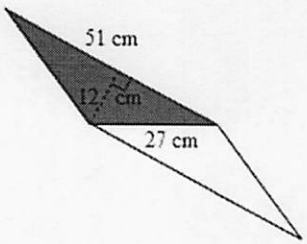
Find the Area of the Right Triangle



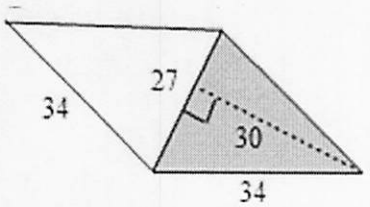
Find the Area of the Parallelogram



Find the Area of the Shaded Triangle

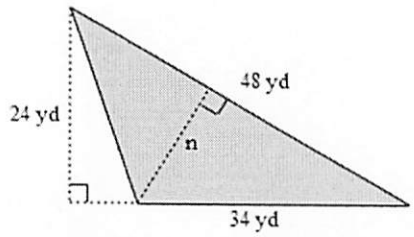


Find the Area of the Shaded Triangle

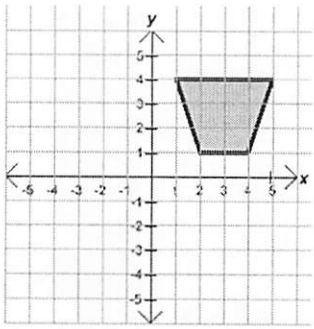


Find the Value of *n*.

Hint Find the Area of the Triangle First



Find the Area of the Trapezoid

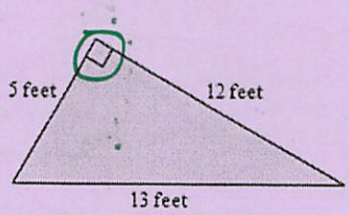


Area Warm-up

Name Key

5/5/2014

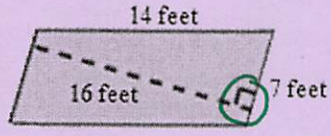
Find the Area of the Right Triangle



$A = \frac{b \cdot h}{2}$ $A = \frac{5 \cdot 12}{2}$

$A = 30\ ft^2$

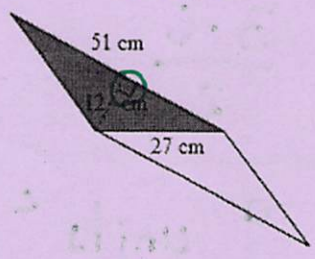
Find the Area of the Parallelogram



$A = b \cdot h$ $A = 7 \cdot 16$

$A = 112\ ft^2$

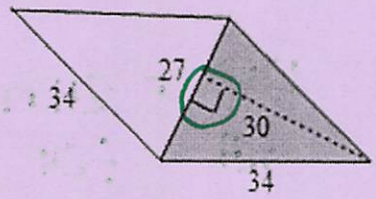
Find the Area of the Shaded Triangle



$A = \frac{b \cdot h}{2}$ $A = \frac{51 \cdot 12}{2}$

$A = 306\ cm^2$

Find the Area of the Shaded Triangle

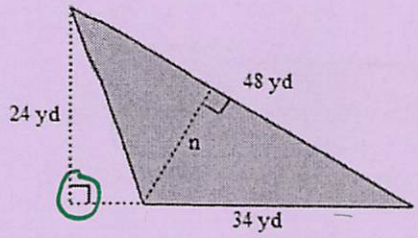


$A = \frac{b \cdot h}{2}$ $A = \frac{27 \cdot 30}{2}$

$A = 405\ units^2$

Find the Value of *n*.

Hint Find the Area of the Triangle First



$A = \frac{b \cdot h}{2}$ $A = \frac{24 \cdot 34}{2}$

$A = 408\ yd^2$

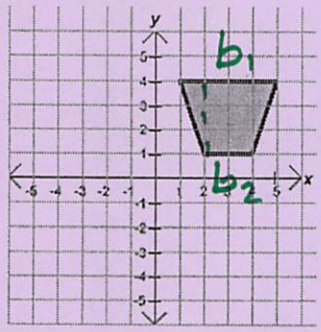
$A = \frac{b \cdot h}{2}$ $408 = \frac{48 \cdot n}{2}$

$408 = 24n$

$\div 24 \quad \div 24$

$17 = n$

Find the Area of the Trapezoid



$h = 3$

$b_1 = 4$

$b_2 = 2$

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

$A = \frac{3 \cdot (4+2)}{2}$

$A = \frac{3 \cdot 6}{2}$

$A = 9\ units^2$