

Pd 3 Answer Key

Name Key Date _____

Area of Composite Shapes Practice Worksheet 1

1. Find the area of the shaded region of the figure below. Each small square is 1 cm x 1 cm.

23 units^2

2. A piece of cardboard is cut in an L-shape as shown below. Find the total area of the cardboard.

$A = lw$ $9 \cdot 4 = 36 \text{ cm}^2$

$A = lw$ $6 \cdot 2 = 12 \text{ cm}^2$

$36 + 12 = 48 \text{ cm}^2$

3. Find the area of the shaded region of the figure below.

Large square = $4 \cdot 4 = 16$

Small square = $2 \cdot 2 = 4$

$16 - 4 = 12 \text{ cm}^2$

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4. Find the area of the compound figure below.

$A = lw$ $10 \cdot 10 = 100 \text{ u}^2$

$A = \frac{1}{2}bh$ $\frac{1}{2} \cdot 10 \cdot 10 = 50$

$100 + 50 = 150 \text{ u}^2$

5. Find the total area of the composite shape below.

$A = lw$ $4 \cdot 3 = 12 \text{ mm}^2$

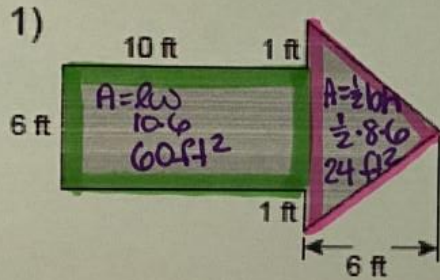
$A = lw$ $8 \cdot 10 = 80 \text{ mm}^2$

$12 + 80 = 92 \text{ mm}^2$

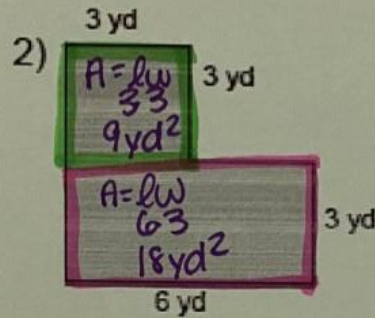
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Pd 1 Answer Key

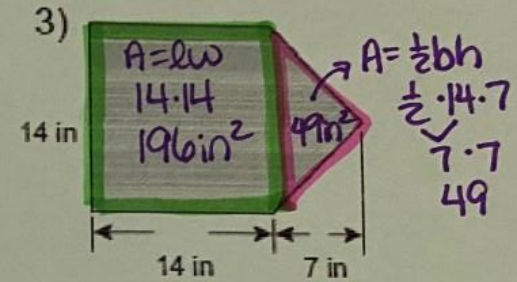
Composite Area Practice



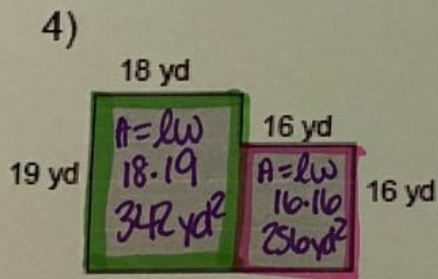
Area: $60 + 3 = 63 \text{ ft}^2$



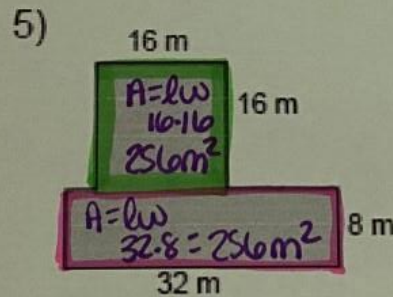
Area: $9 + 18 = 27 \text{ yd}^2$



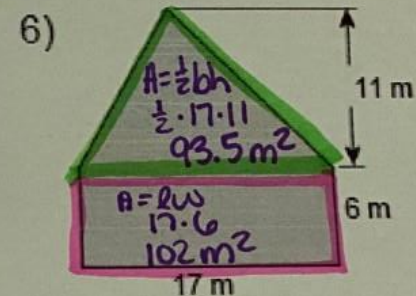
Area: $196 + 49 = 245 \text{ in}^2$



Area: $342 + 256 = 598 \text{ yd}^2$



Area: $256 + 256 = 512 \text{ m}^2$



Area: $93.5 + 102 = 195.5 \text{ m}^2$