

# Math 6 - Unit 5: Area & Volume

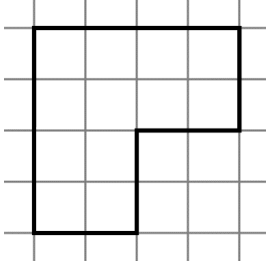
## Composite Area Review

Name: \_\_\_\_\_

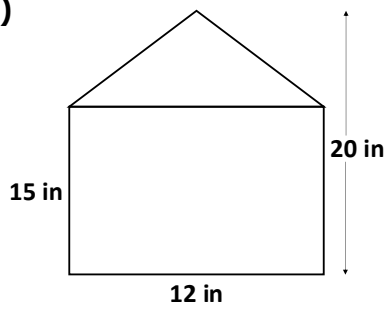
Class Period: 1 2 3 4 Date: \_\_\_\_\_

**Find the area of each composite figure by decomposing them into smaller shapes. You must show all work to get full credit!**

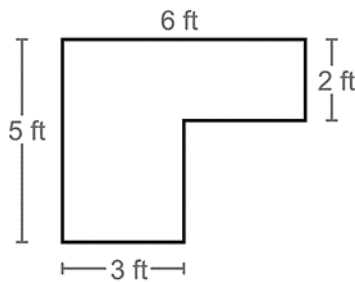
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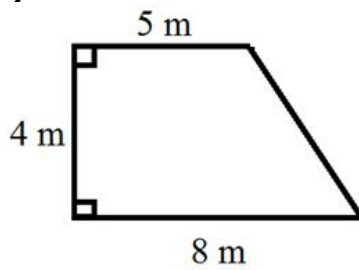
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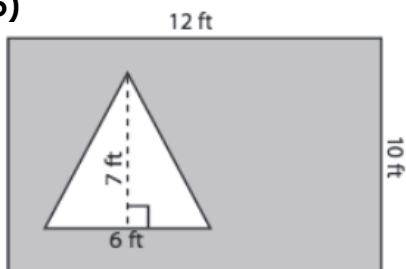
3)



4)



5)



# Math 6 - Unit 5: Area & Volume

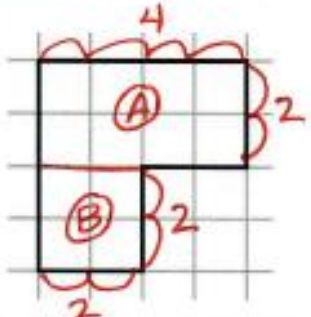
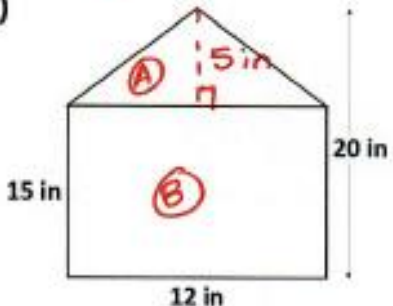
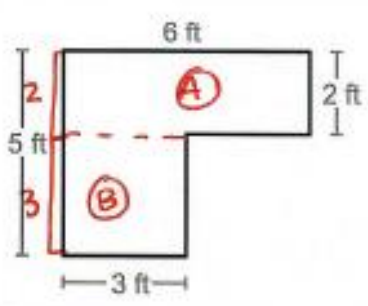
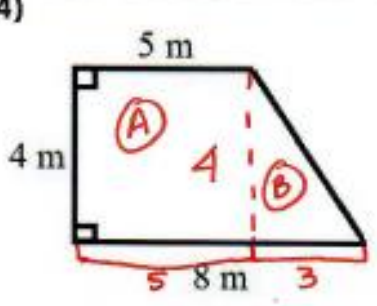
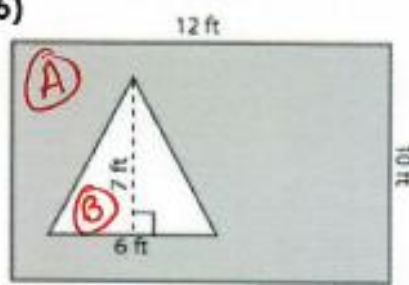
## Composite Area Review

### ANSWER KEY

Name: \_\_\_\_\_

Class Period: 1 2 3 4 Date: \_\_\_\_\_

Find the area of each composite figure by decomposing them into smaller shapes. You must show all work to get full credit!

<p>1)</p> 	$A_A = bh$ $A_A = 4 \cdot 2$ $A_A = 8 \text{ units}^2$ $A_B = bh$ $A_B = 2 \cdot 2$ $A_B = 4 \text{ units}^2$ $A_T = 8 + 4 = \boxed{12 \text{ units}^2}$
<p>2)</p> 	$A_A = \frac{1}{2}bh$ $A_A = \frac{1}{2}(12)(5)$ $A_A = 30 \text{ in}^2$ $A_B = bh$ $A_B = 12 \cdot 15$ $A_B = 180 \text{ in}^2$ $A_T = 30 + 180 = \boxed{210 \text{ in}^2}$
<p>3)</p> 	$A_A = bh$ $A_A = 6 \cdot 2$ $A_A = 12 \text{ ft}^2$ $A_B = bh$ $A_B = 3 \cdot 3$ $A_B = 9 \text{ ft}^2$ $A_T = 12 + 9 = \boxed{21 \text{ ft}^2}$
<p>4)</p> 	$A_A = bh$ $A_A = 4 \cdot 5$ $A_A = 20 \text{ m}^2$ $A_B = \frac{1}{2}bh$ $A_B = \frac{1}{2}(3)(4)$ $A_B = 6 \text{ m}^2$ $A_T = 20 + 6 = \boxed{26 \text{ m}^2}$
<p>5)</p> 	$A_A = bh$ $A_A = 12 \cdot 10$ $A_A = 120 \text{ ft}^2$ $A_B = \frac{1}{2}bh$ $A_B = \frac{1}{2}(6)(7)$ $A_B = 21 \text{ ft}^2$ $A_T = 120 - 21 = \boxed{99 \text{ ft}^2}$