Math 6 - Unit 5: **Area & Volume**

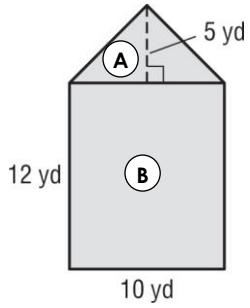
Composite Area Practice

Name: _____

Class Period: 1 2 3 4 Date: _____

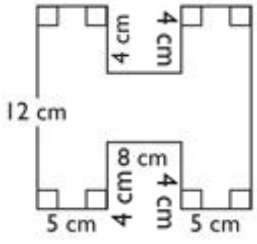
Find the area of each figure. Round to the nearest tenth if necessary.

1)



	Area$_A$	**Area$_B$**
Name of Shape		
Formula		
Substitution		
Solution (with Units)		
Total Area (with units):		

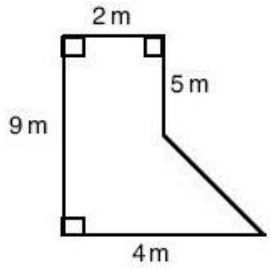
2)



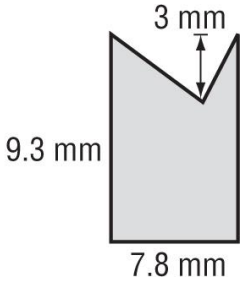
Break the figure above into three pieces and label them, A, B & C. Then complete the chart to find the total area.

	Area$_A$	**Area$_B$**	**Area$_C$**
Name of Shape			
Formula			
Substitution			
Solution (with Units)			
Total Area (with units):			

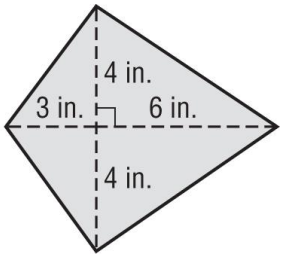
3)


2 m
5 m
9 m
4 m

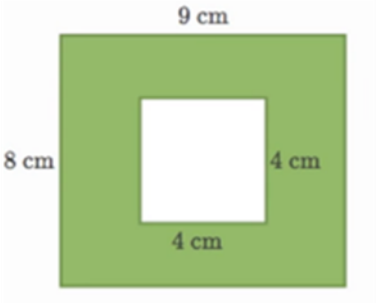
4)


3 mm
9.3 mm
7.8 mm

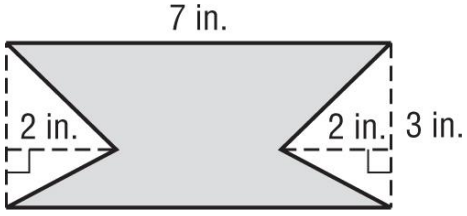
5)


4 in.
3 in.
6 in.
4 in.

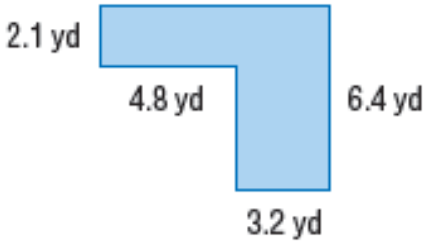
6)


9 cm
8 cm
4 cm
4 cm

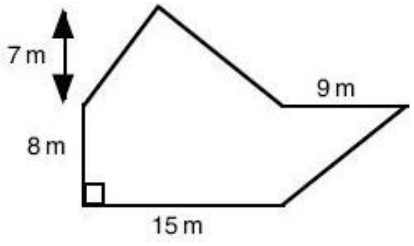
7)


7 in.
2 in.
2 in.
3 in.

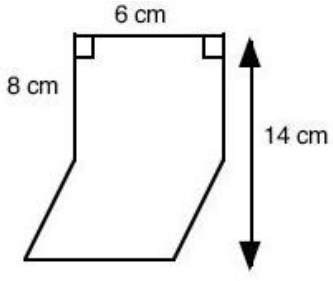
8)


2.1 yd
4.8 yd
6.4 yd
3.2 yd

9)


7 m
9 m
8 m
15 m

10)


6 cm
8 cm
14 cm

Math 6 - Unit 5: Area & Volume

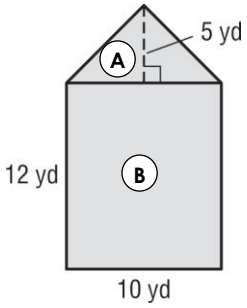
Composite Area Practice ***ANSWER KEY***

Name: _____

Class Period: 1 2 3 4 Date: _____

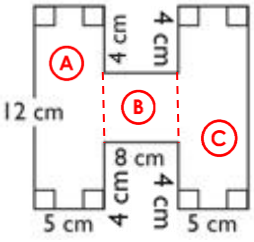
Find the area of each figure. Round to the nearest tenth if necessary.

1)



	$Area_A$	$Area_B$
Name of Shape	**Triangle**	**Rectangle**
Formula	**$A = \frac{1}{2}bh$**	**$A = bh$**
Substitution	**$A = \frac{1}{2}(10)(5)$**	**$A = (10)(12)$**
Solution (with Units)	**$25\ yd^2$**	**$A = 120\ yd^2$**
	Total Area (with units):	**$A = 145\ yd^2$**

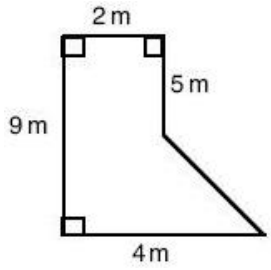
2)



Break the figure above into three pieces and label them, A, B & C. Then complete the chart to find the total area. (A)

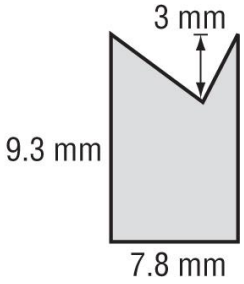
	$Area_A$	$Area_B$	$Area_C$
Name of Shape	**Rectangle**	**Rectangle**	**Rectangle**
Formula	**$A = bh$**	**$A = bh$**	**$A = bh$**
Substitution	**$A = (5)(12)$**	**$A = (8)(4)$**	**$A = (5)(12)$**
Solution (with Units)	**$A = 60\ cm^2$**	**$A = 32\ cm^2$**	**$A = 60\ cm^2$**
		Total Area (with units):	**$A = 152\ cm^2$**

3)



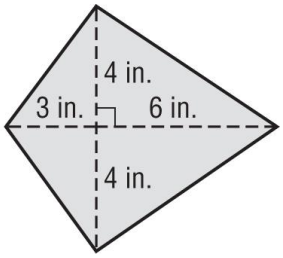
22 m²

4)

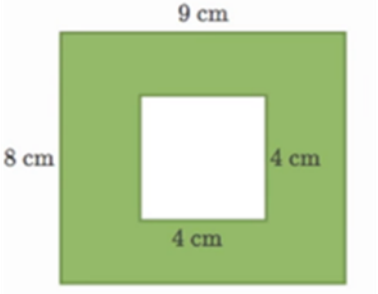


61.14 mm²

5)

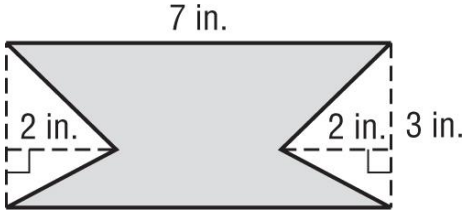


36 in²

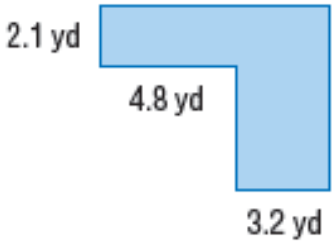


56 cm²

7)

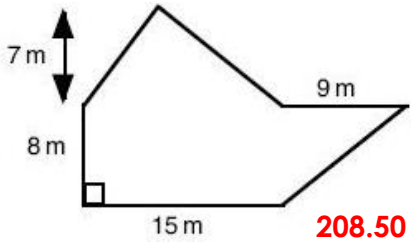


15 in²

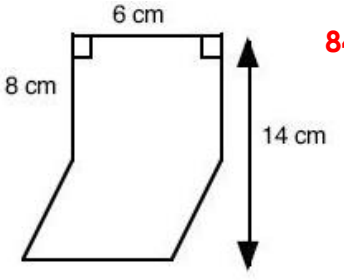


30.56 yd²

9)



208.50 m²



84 cm²