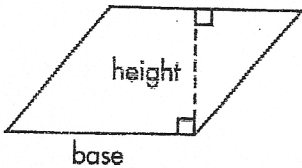


Student Name: \_\_\_\_\_

## Area of a Parallelogram

A parallelogram is a polygon with 2 sets of parallel sides. To find the **area** of a parallelogram, multiply the measure of its base by the measure of its height:  $A = b \times h$  or  $A = bh$ .

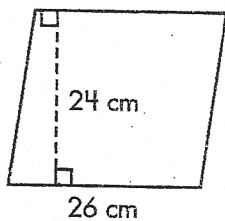


$b = 8$  in. and  $h = 7$  in. What is  $A$ ?

$$A = b \times h \quad A = 8 \times 7 = 56 \text{ in.}^2 \text{ or } 56 \text{ square inches.}$$

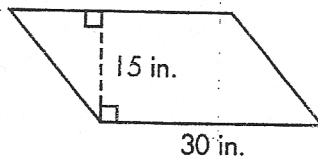
Find the area of each parallelogram.

1.



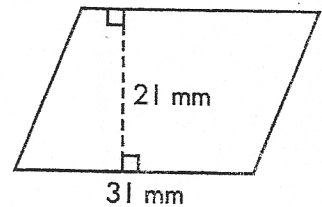
area = \_\_\_\_\_  $\text{cm}^2$

b



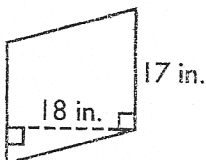
area = \_\_\_\_\_  $\text{in.}^2$

c

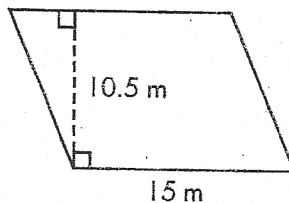


area = \_\_\_\_\_  $\text{mm}^2$

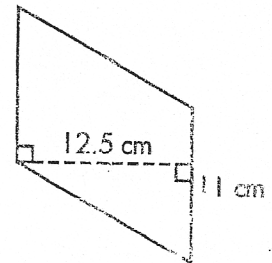
2.



area = \_\_\_\_\_  $\text{in.}^2$

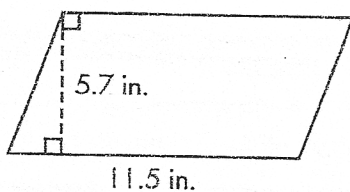


area = \_\_\_\_\_  $\text{m}^2$

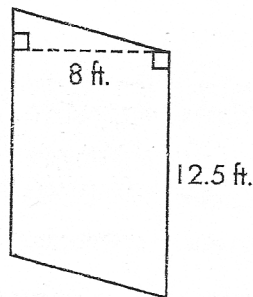


area = \_\_\_\_\_  $\text{cm}^2$

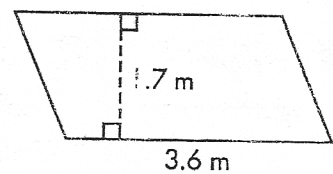
3.



area = \_\_\_\_\_  $\text{in.}^2$



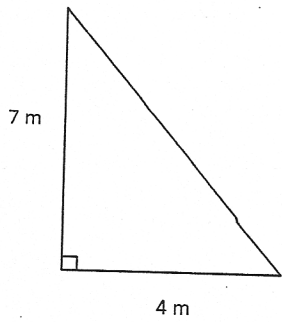
area = \_\_\_\_\_  $\text{ft.}^2$



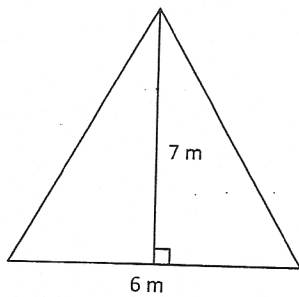
area = \_\_\_\_\_  $\text{m}^2$

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

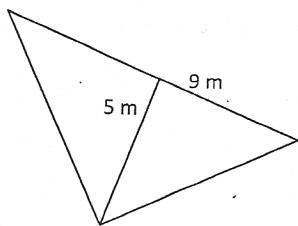
**Find Area of the Triangles**



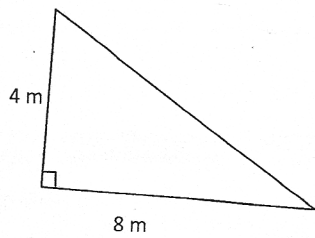
Area= \_\_\_\_\_



Area= \_\_\_\_\_



Area= \_\_\_\_\_



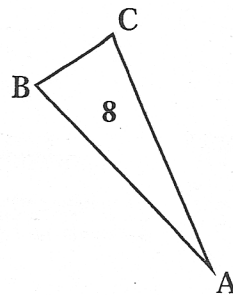
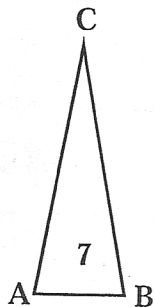
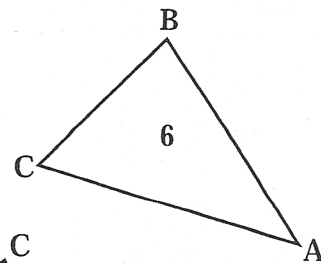
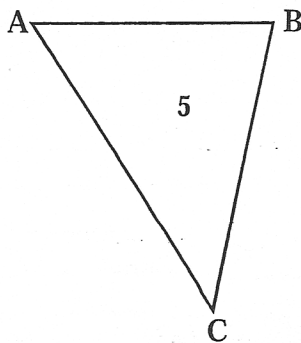
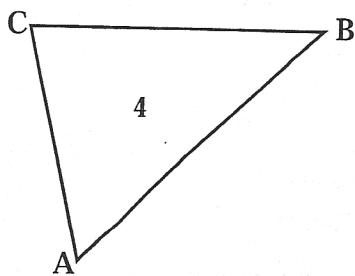
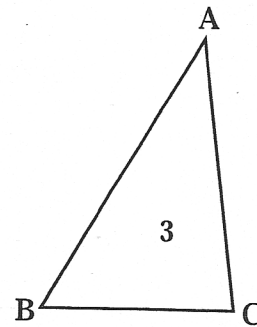
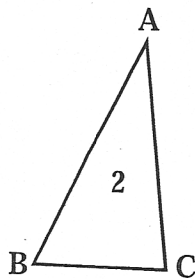
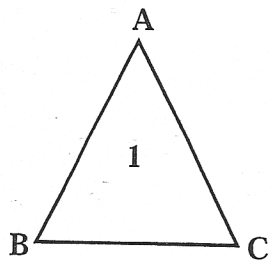
Area= \_\_\_\_\_

## Determining the Area of Triangles

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

Draw the height for each triangle, starting from the vertex indicated in the chart. Label the length of the base and height for each triangle, and determine the area for each one.

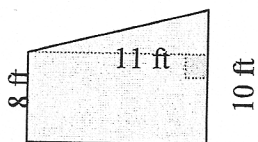
Triangle Number	Height (inches)	Base (inches)	Area
1	4 from Vertex B	6	
2	3 from Vertex C	5	
3	8 from Vertex A	5	
4	7 from Vertex B	6	
5	9 from Vertex B	16	
6	4 from Vertex C	7	
7	10 from Vertex C	3	
8	8 from Vertex C	12	



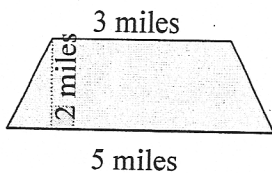
Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

**Area of a Trapezoid**

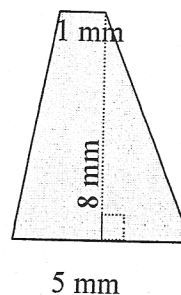
1)  $A =$  \_\_\_\_\_



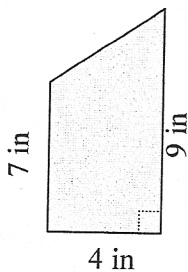
2)  $A =$  \_\_\_\_\_



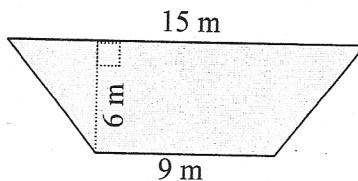
3)  $A =$  \_\_\_\_\_



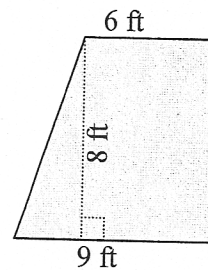
4)  $A =$  \_\_\_\_\_



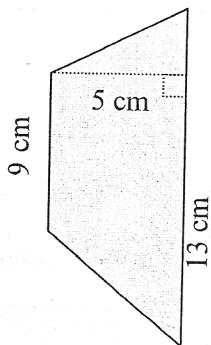
5)  $A =$  \_\_\_\_\_



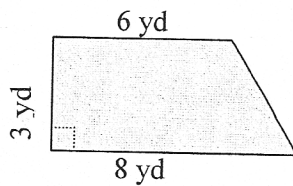
6)  $A =$  \_\_\_\_\_



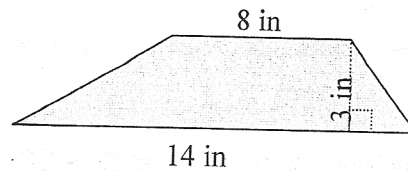
7)  $A =$  \_\_\_\_\_



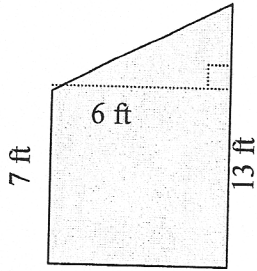
8)  $A =$  \_\_\_\_\_



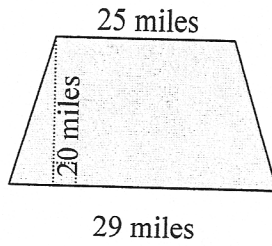
9)  $A =$  \_\_\_\_\_



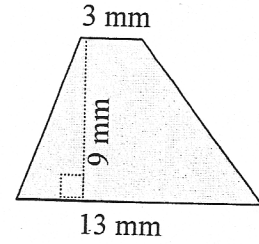
10)  $A =$  \_\_\_\_\_



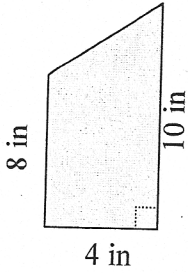
11)  $A =$  \_\_\_\_\_



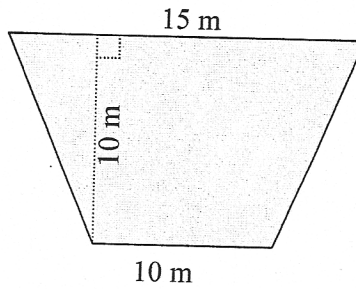
12)  $A =$  \_\_\_\_\_



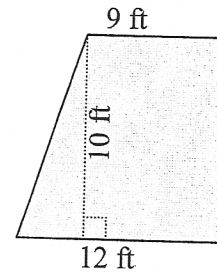
13)  $A =$  \_\_\_\_\_



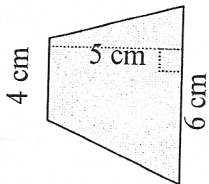
14)  $A =$  \_\_\_\_\_



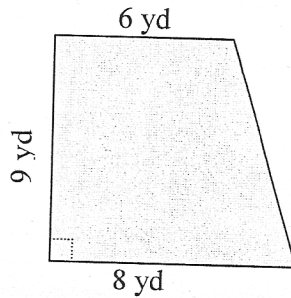
15)  $A =$  \_\_\_\_\_



16)  $A =$  \_\_\_\_\_



17)  $A =$  \_\_\_\_\_



18)  $A =$  \_\_\_\_\_

