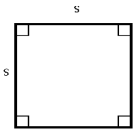
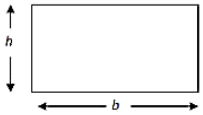
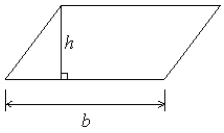
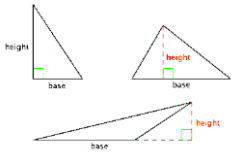
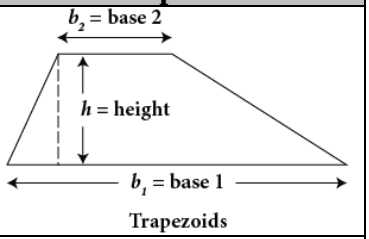
Wisdom Lane Middle School
Name:_____
Teacher: Mr. Tomeo

Homework #80

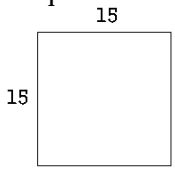
Date:_____
Period:_____

Mixed Area/Perimeter Review

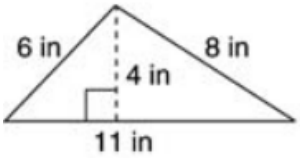
Shape	Square	Rectangle	Parallelogram	Triangle	Trapezoid
Sample Picture					
Area Equation	$A = s^2$	$A = bh$	$A = bh$	$A = \frac{1}{2}bh$	$A = \frac{h}{2}(b_1 + b_2)$
Perimeter	**ADD ALL OF THE SIDES**				

For **#1-8** find the **Area** and **Perimeter** of each shape.

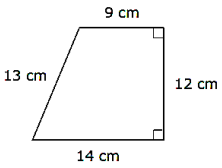
1. Square.



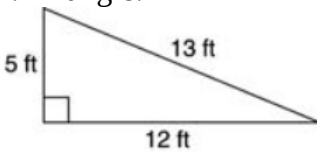
2. Triangle.



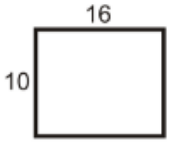
3. Trapezoid.



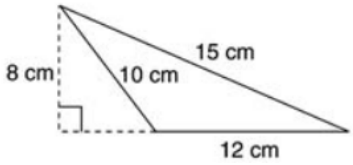
4. Triangle.



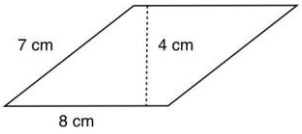
5. Rectangle.



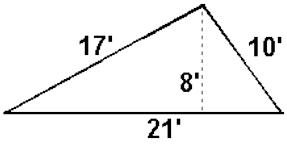
6.



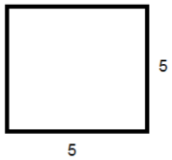
7. Parallelogram.



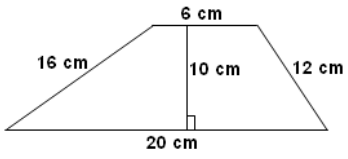
8. Triangle.

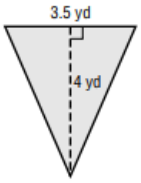


9. Square.



10. Trapezoid.



11. Jasmine is making a display board for the school talent show. The display board is a 10 ft by 9 ft rectangle. If ribbon costs $2 per foot, how much will it cost to add a ribbon border around the entire display board?	16. The perimeter of an equilateral triangle is 120. What is the length of each side of this triangle?
12. What is the height of a triangle if its base is 20 and its area is 100?	17. The floor of a room is covered with tiles in the shape of triangles. Each triangle has a height of 7 inches and has a base of 12 inches. If the floor of her bathroom has 40 tiles, what is the area of the bathroom floor?
13. The base of a parallelogram is 11 feet and it's height is 2 feet. What is the area of the parallelogram?	18. Danny has a rectangular rose garden that measures 8 m by 10 m. One bag of fertilizer can cover 16 m^2. How many bags will he need to cover the entire garden?
14. **GARDENING** Kinu wants to buy topsoil for a section of her garden that has the dimensions shown in the figure. What is the area of this section of Kinu's garden?  	19. The perimeter of a playground is 46 meters. The length of the playground on one side is 7 meters. What is the area of the playground?
15. Isabella is making a display board for the school elections. The display board is a 10 ft by 6 ft rectangle. She needs to add a ribbon border around the entire display board. What is the length of ribbon that she needs?	20. The 2 parallel sides of a trapezoid measures 15 cm and 9 cm. If the height of the trapezoid is 6 cm . What is the area of the trapezoid?