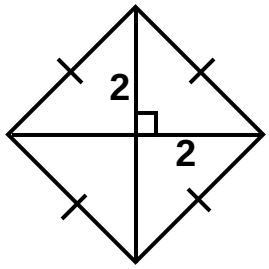
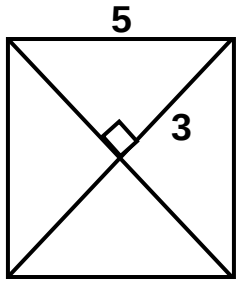
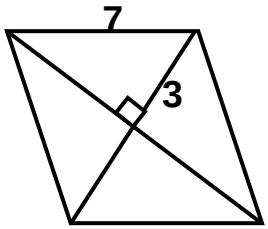
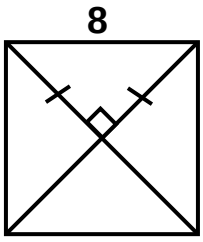
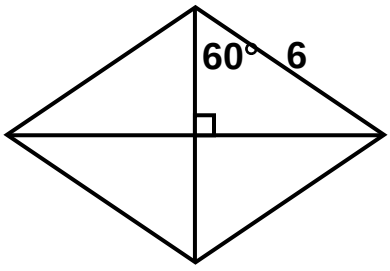
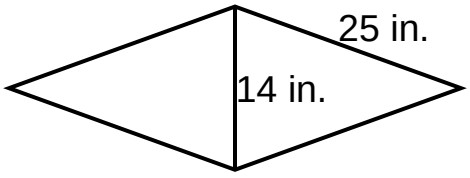
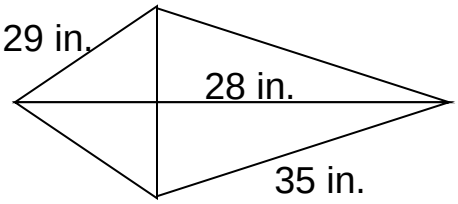
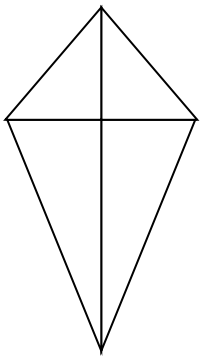
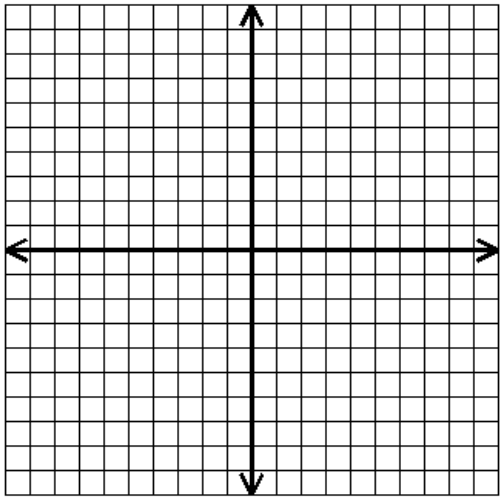
NAME_____**DATE**_____**PER.**_____

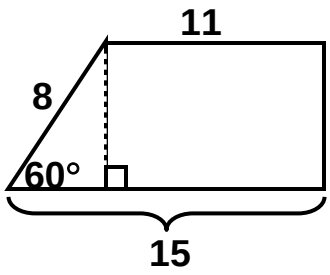
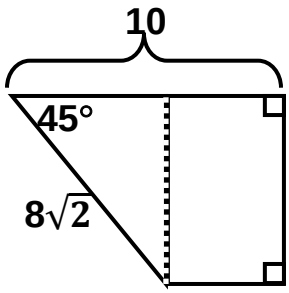
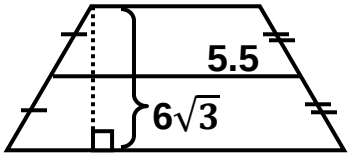
PERIMETER & AREA OF RHOMBI, KITES & TRAPEZOIDS

Find the indicated measure(s) for each rhombus.

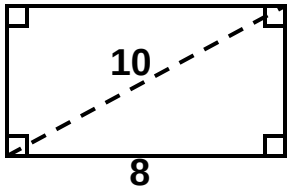
1. P = _____ A = _____	
2. P = _____ A = _____	
3. P = _____ A = _____	
4. P = _____ A = _____	
5. P = _____ A = _____	
6. P = _____ A = _____	*Figure is a rhombus. 

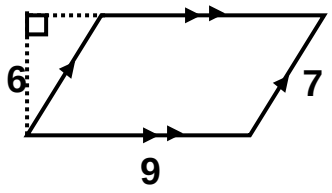
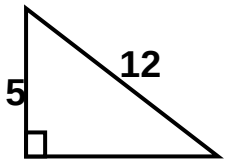
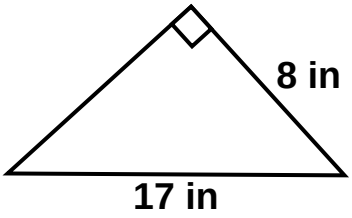
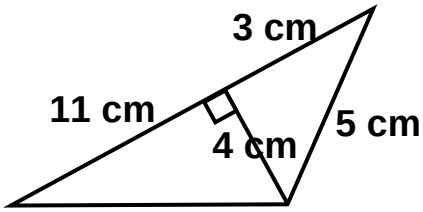
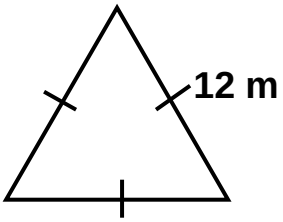
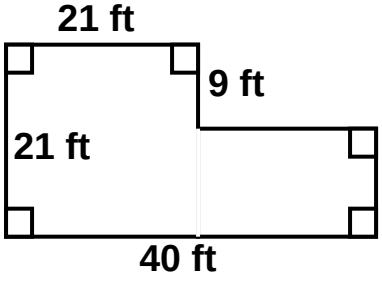
7. _____	A rhombus has an area of 60 square centimeters. If the length of one diagonal is 12 cm, find the length of the other.
8. P = _____ A = _____	*Figure is a kite. 
9. d = _____	Christina is making the following kite. If the area of the kite is to be 187.5 in^2 and the shorter of the two diagonals is 15 inches, what should be the length of the longer diagonal? 
10. P = _____ A = _____	Draw and classify the polygon with vertices L(-2, 1), M(-2, 3), N(0, 3), and P(1, 0). Find the perimeter and area of the polygon. 

Find the indicated measure(s) for each of the following trapezoids.

11. P = _____ A = _____	
12. P = _____ A = _____	
13. A = _____	
14. P = _____ A = _____	Find the area and perimeter of an isosceles trapezoid with legs 25 cm and bases 16 cm and 30 cm.
15. P = _____ A = _____	Find the area and perimeter of an isosceles trapezoid with 60° base angles and bases 9 and 13.

Review: Find the indicated values.

16. P = _____ A = _____	

17. P = _____ A = _____	
18. P = _____ A = _____	
19. P = _____ A = _____	
20. P = _____ A = _____	
21. P = _____ A = _____	
22. P = _____ A = _____