

Chapter 6 Final Review

Homework Answers

Pg 695 - #1-25

1. trapezoid
2. rhombus
3. parallelogram
4. square
5. $x = 12; y = 84$
6. $x = 30; y = 55$
7. $x = 8; y = 25$
8. $x = 1; y = 7$
9. yes
10. yes
11. no
12. yes
13. square; $m\angle 1 = 45, m\angle 2 = 45$
14. rhombus:
 $m\angle 1 = 50, m\angle 2 = 90, m\angle 3 = 40, m\angle 4 = 40$
15. parallelogram:
 $m\angle 1 = 45, m\angle 2 = 45, m\angle 3 = 80, m\angle 4 = 55$
16. rectangle:
 $m\angle 1 = 116, m\angle 2 = 64, m\angle 3 = 32, m\angle 4 = 58$
17. $m\angle 1 = 110, m\angle 2 = 25$
18. $m\angle 1 = 90, m\angle 2 = 23$
19. $m\angle 1 = 110, m\angle 2 = 70$
20. $m\angle 1 = 70, m\angle 2 = 70$
21. D(0, b); S(a , 0)
22. D(0, b); S(- a , 0)
23. D(- c , 0); S(0, - b)
24. D(0, $2a$); S(0, - $2a$)
25. answer given tomorrow...