

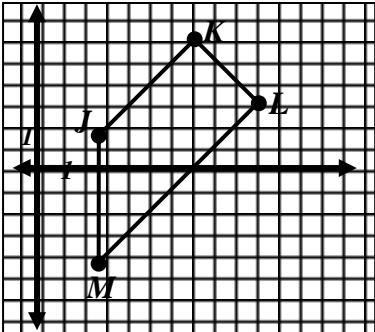
Lesson 6.1

Homework Answers

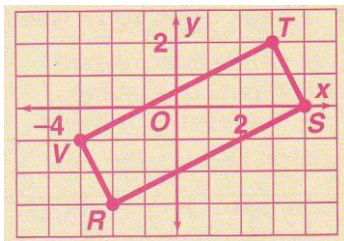
Pg 290 - #1-12, 15, 16, 19-26, 29-34, 37-42, 46-49, 60-63

- 1) parallelogram, rectangle, rhombus, square
- 2) parallelogram
- 3) trapezoid
- 4) parallelogram, rhombus
- 5) kite
- 6) trapezoid, isosc. trapezoid
- 7) rhombus
- 8) parallelogram
- 9) rhombus
- 10) rectangle
- 11) kite
- 12) isosc. trapezoid

15) trapezoid



16) rectangle



19) $x = 11, y = 29; 13, 13, 23, 23$

20) $x = 4, y = 4.8; 4.5, 4.5, 6.8, 6.8$

21) $x = 2, y = 6; 2, 7, 7, 2$

22) $x = 1; 4, 2, 4, 7$

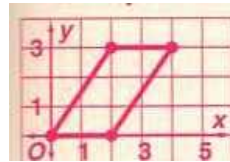
23) $x = 3, y = 5; 15, 15, 15, 15$

24) $x = 5, y = 4; 3, 3, 3, 3$

25) 40, 40, 140, 140; 11, 11, 15, 32

26) 58, 58, 122, 122; 6, 6, 6, 6

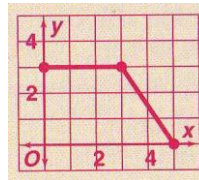
29)



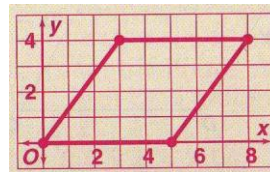
30) Picture coming...lay one of the congruent legs on the y-axis and the other on the x-axis.

31) Impossible; a trapezoid w/one rt. \angle must have another, since 2 sides are \parallel

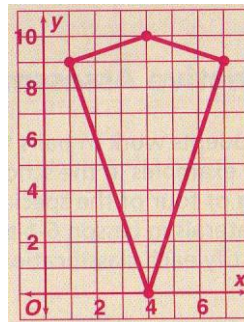
32)



33)



34)



37) True; a square is both a rectangle & a rhombus.

Lesson 6.1

Homework Answers

Pg 290 - #1-12, 15, 16, 19-26, 29-34, 37-42, 46-49, 60-63

38) False; a trapezoid only has one pair of sides.	
39) False; a kite does not have \cong opp. sides.	
40) True; all squares are parallelograms.	
41) False; some quadrilaterals are parallelograms.	
42) False; all squares are rhombuses.	
46) some isos. trapezoids, some trapezoids	
47) parallelogram, rhombus, rectangle, square	
48) rectangle, square	
49) rhombus, square, kite, some trapezoids	
60) C	
61) I	
62) C	
63) H	