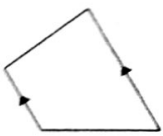
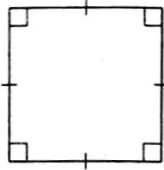
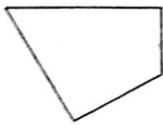


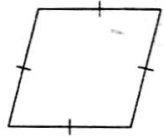
2.5 Quiz Review

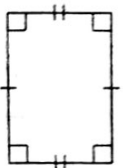
State the most specific name for each figure. Which properties allow you to classify it this way?


1)  trapezoid
(one pair of // sides)

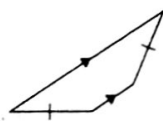
2)  square
[- 4 ≅ sides
- 4 right ∠s]

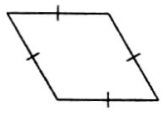
3)  quadrilateral
(4 sides, no markings)

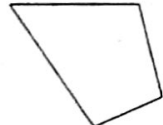
4)  rhombus
(4 ≅ sides)

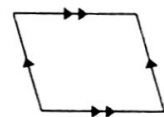
5)  rectangle
(4 right ∠s, opp sides ≅)

6)  quadrilateral
(4 sides, no markings)

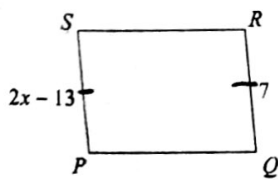
7)  isosceles trapezoid
(one pair of // sides,
one pair of ≅ sides)

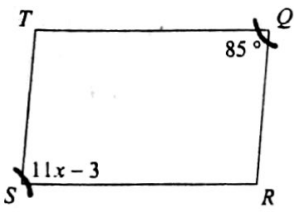
8)  rhombus
(4 ≅ sides)

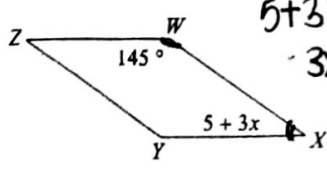
9)  quadrilateral
(4 sides, no markings)

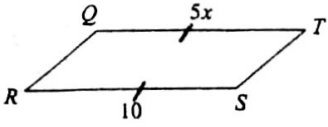
10)  parallelogram
(opp. sides parallel)

Solve for x . Each figure is a parallelogram.

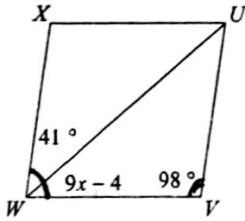
11)  $2x-13=7$
 $2x=20$
 $x=10$

12)  $11x-3=85$
 $11x=88$
 $x=8$

13)  $5+3x+145=180$
 $3x+150=180$
 $3x=30$
 $x=10$

14)  $5x=10$
 $x=2$

15)



$$9x - 4 + 41 + 98 = 180$$

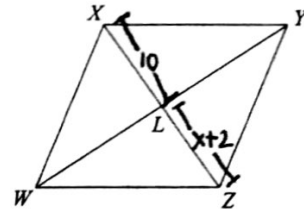
$$9x + 135 = 180$$

$$9x = 45$$

$$x = 5$$

16) $XL = 10$
 $LZ = x + 2$
 $x + 2 = 10$

$$x = 8$$

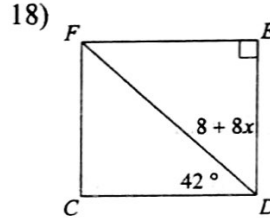
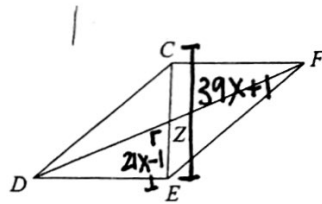


17) $EZ = 21x - 1$
 $EC = 39x + 1$

$$42x - 2 = 39x + 1$$

$$3x = 3$$

$$x = 1$$



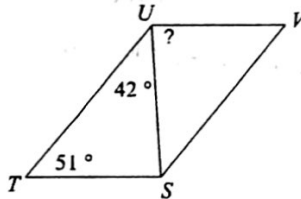
$$8 + 8x + 42 = 90$$

$$8x = 40$$

$$x = 5$$

Find the measurement indicated in each parallelogram.

19)

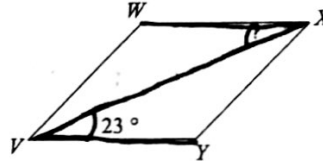


$$x + 42 + 51 = 180$$

$$x + 93 = 180$$

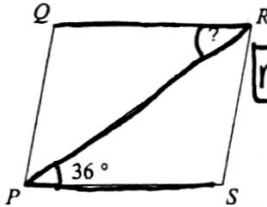
$$x = 87^\circ$$

20)



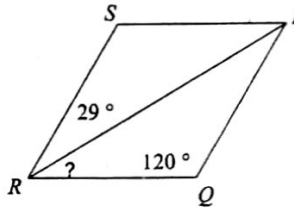
$$x = 23^\circ$$

21)



$$m\angle QRP = 36^\circ$$

22)



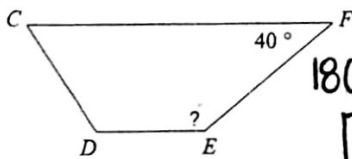
$$29 + x + 120 = 180$$

$$x + 149 = 180$$

$$x = 31^\circ$$

Find the measurement of the angle indicated for each trapezoid.

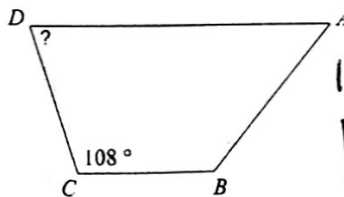
23)



$$180 - 40 =$$

$$140^\circ$$

24)

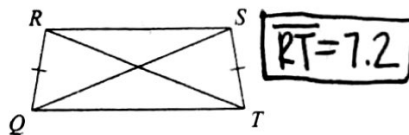


$$180 - 108 =$$

$$72^\circ$$

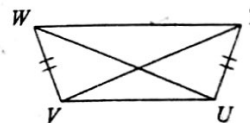
Find the length of the diagonal indicated for each trapezoid.

25) $QS = 7.2$
 Find RT



$$RT = 7.2$$

26) $TV = 15$
 Find UW



$$UW = 15$$