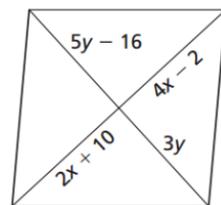
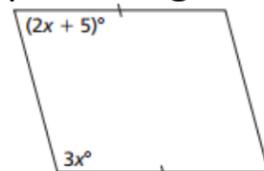


Find the value of x

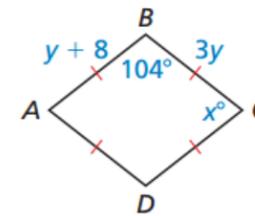
Find x and y in the parallelogram.



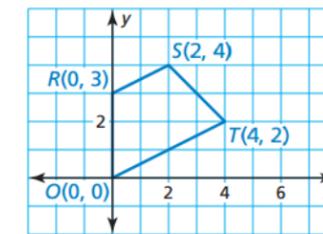
Find the x that makes it a parallelogram.



Find the lengths of the diagonals of rectangle JKLM when  $JL = 3x + 4$  and  $KM = 4x - 1$

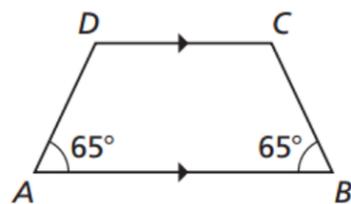


Classify the quadrilateral. Find x and y.

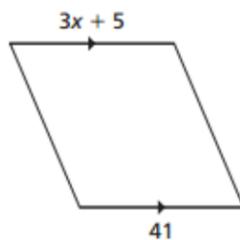


Classify quadrilateral ORST.

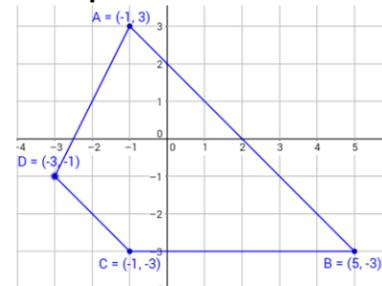
Classify the quadrilateral.



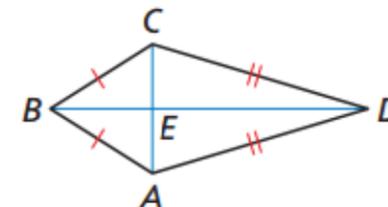
Find the value of x that makes it a parallelogram



The midsegment's endpoints are



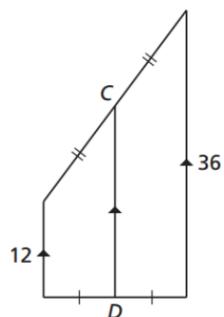
Find  $m\angle CED$ .



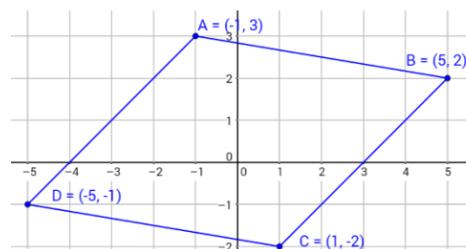
Classify the quadrilateral by its most specific name. A(-8, -3), B(-5, 2), C(1, 0), D(-2, -6)

Classify the quadrilateral with vertices R(-2, 4), S(1, -2), T(-1, -3), U(-4, 3) by its most specific name.

Find CD.



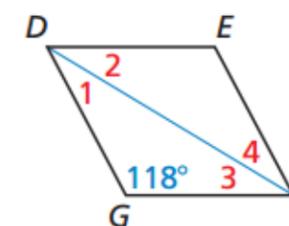
Classify the quadrilateral.



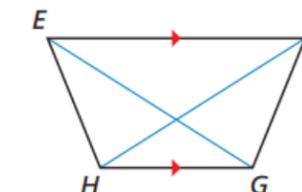
Find the measure of an interior angle of a regular 15-gon.

Classify the quadrilateral with vertices L(-2, 2), M(-2, -3), N(-5, 1) and O(-4, 3)

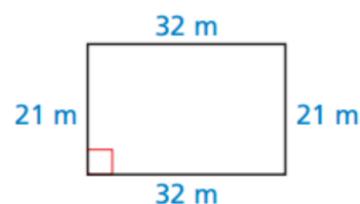
Find the measures of the numbered angles in rhombus DEFG



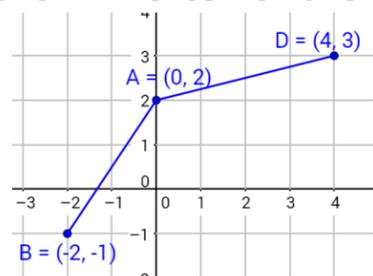
Classify the quadrilateral if  $EG = FH$ .



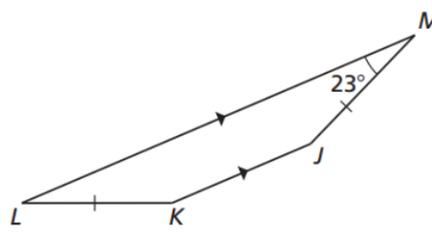
Classify the quadrilateral.



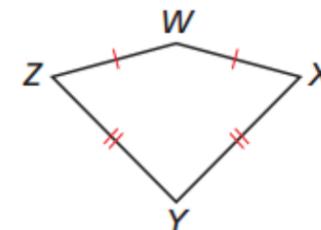
Find the coordinates of the 4<sup>th</sup> vertex of the □



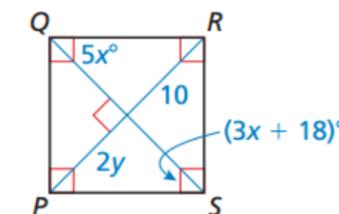
Find  $m\angle K$  and  $m\angle L$



Classify the quadrilateral.

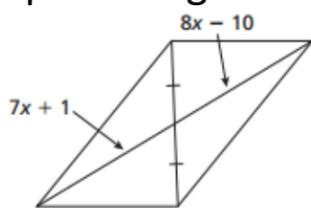


Classify the quadrilateral. Find x and y.

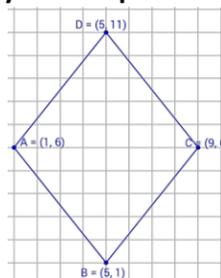


An exterior angle of a regular polygon measures  $30^\circ$ . Classify the polygon.

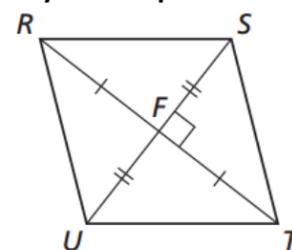
Find x so it's a parallelogram.



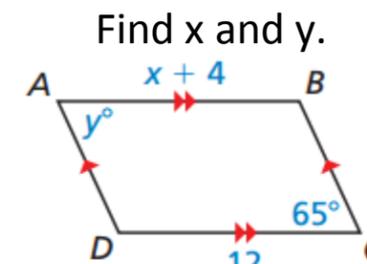
Classify the quadrilateral.



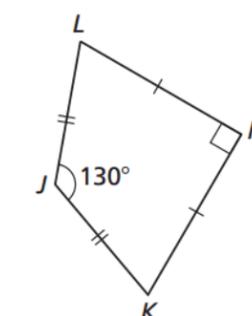
Classify the quadrilateral.



Classify the quadrilateral with points A(-1, 1), B(-3, 3), C, (-3, 0) and D(-1, -4).

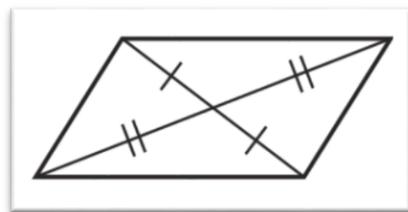


Find  $m\angle K$ .

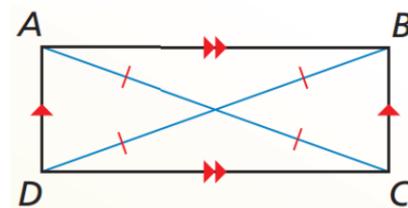
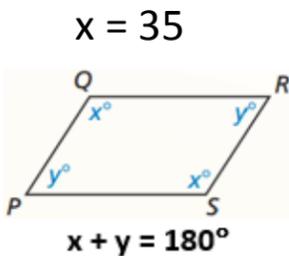


$$(n - 2) \cdot 180$$

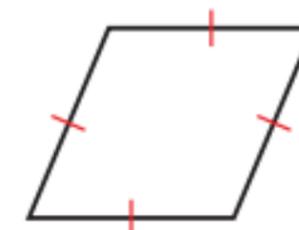
$$x = 90$$



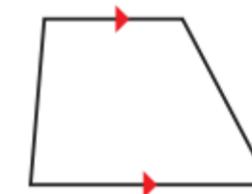
$$x = 6, y = 8$$



$$JL = KM = 19$$

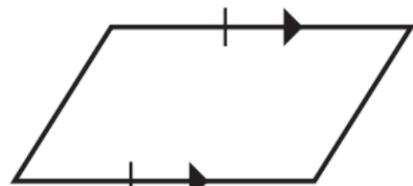
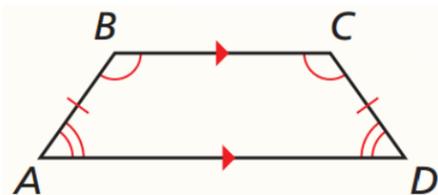


rhombus  
 $x = 76, y = 4$



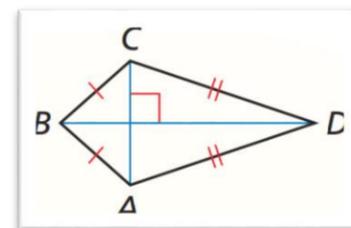
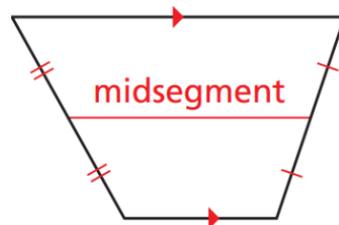
Trapezoid

Isosceles Trapezoid



$$x = 12$$

$(-2, 1)$  and  $(2, -3)$

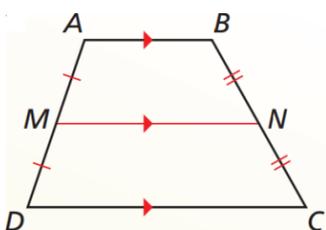


$$m\angle CED = 90^\circ$$

Square

Rectangle

$$CD = 24$$



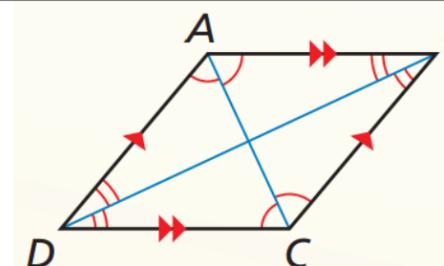
Parallelogram

Slopes = 1 and  $-\frac{1}{6}$   
or  
 $AB = CD = \sqrt{37}$  and  $AD = BC = 4\sqrt{2}$  or  
Diagonals bisect  $(0, .5)$

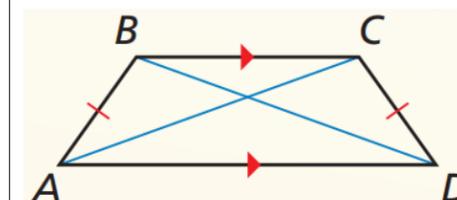
$$\frac{(n - 2) \cdot 180}{n}$$

$$156^\circ$$

Kite



$m\angle 1 = 31^\circ; m\angle 2 = 31^\circ;$   
 $m\angle 3 = 31^\circ; m\angle 4 = 31^\circ$

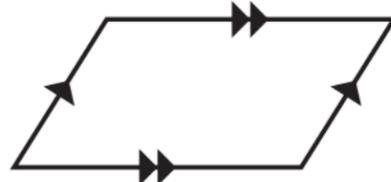


Isosceles trapezoid

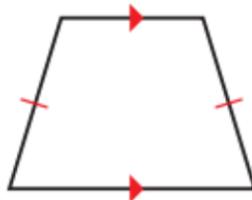


Rectangle

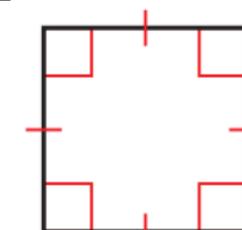
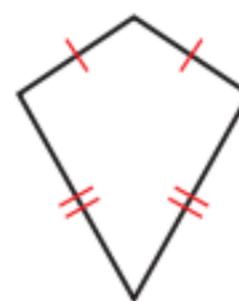
$(2, 0)$



$m\angle K = 157$  and  $m\angle L = 23$



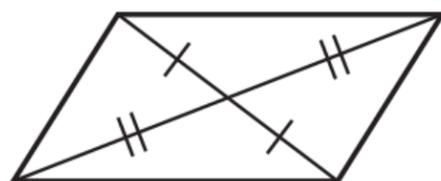
Kite



Square.  
 $x = 9, y = 5$

$$\frac{360}{n}$$

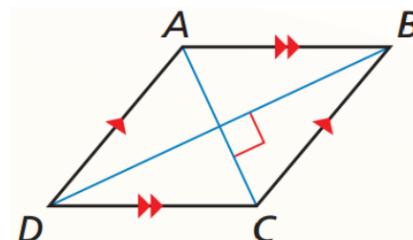
dodecagon



$$x = 11$$

Rhombus

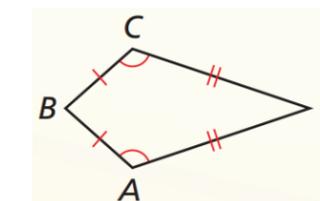
Rhombus



Trapezoid



$$x = 8, y = 65$$



$$m\angle K = 70^\circ$$

