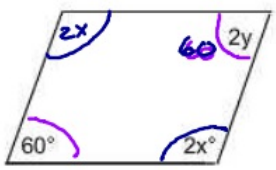
Sec I Name: _____ ID: 1

T2-25 Notes, Quadrilaterals

Date: _____ Period: _____

Solve for the variables using the properties of quadrilaterals.

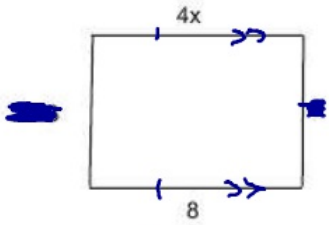
1) Parallelogram



$2y = 60$
$y = 30$

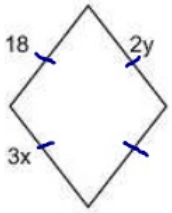
$2x + 2x + 120 = 360$
$4x + 120 = 360$
$-120 \quad -120$
$4x = 240$
$x = 60$

2) Rectangle



$4x = 8$
$x = 2$

3) Rhombus

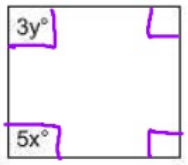


$18 = 2y$
$9 = y$

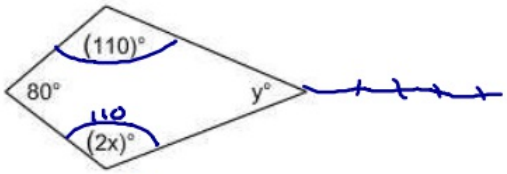
$\frac{3x}{3} = \frac{18}{3}$
$x = 6$

4) Square

$\frac{3y}{3} = \frac{90}{3}$
$y = 30$

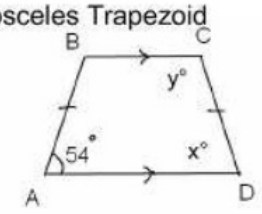


5) Kite



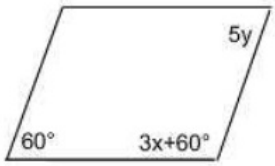
$2x = 110$
$x = 55$

6) Isosceles Trapezoid

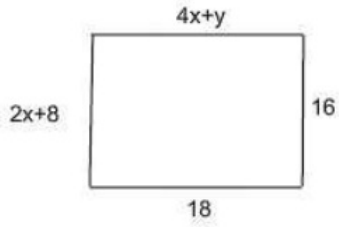


Solve for the variables using the properties of quadrilaterals.

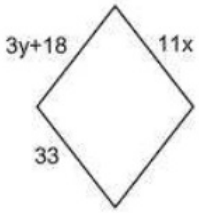
7) Parallelogram



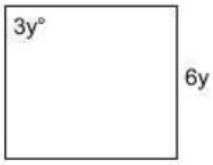
8) Rectangle



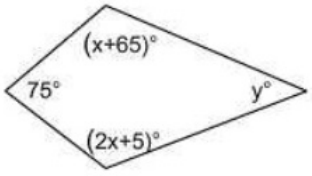
9) Rhombus



10) Square



11) Kite



12) Isosceles Trapezoid