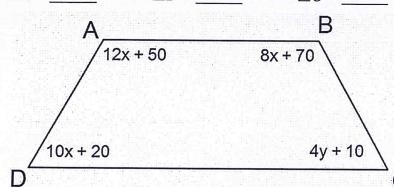
## Bellwork Geometry Friday, January 24, 2020

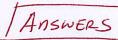
Use the Quadrilateral Tree Diagram to fill in the blanks of each statement with a single word that makes a true statement. Don't use the same word twice.

- 1. \_\_\_\_\_ Parallelograms are Rectangles.
- 2. \_\_\_\_\_ Isosceles Trapezoid is a Trapezoid.
- 3. If a figure is a \_\_\_\_\_\_, then it is a Rhombus.
- 4. \_\_\_\_\_ Kites are Quadrilaterals.
- 5. Use the fact that ABCD is an Isosceles Trapezoid to find the value of each variable and then the measure of each of the four angles.
- - ∠B = \_\_\_\_
- ∠*C* = \_\_\_\_ ∠*D* = \_\_\_\_



## Bellwork

Geometry Friday, January 24, 2020



Use the Quadrilateral Tree Diagram to fill in the blanks of each statement with a single word that makes a true statement. Don't use the same word twice.

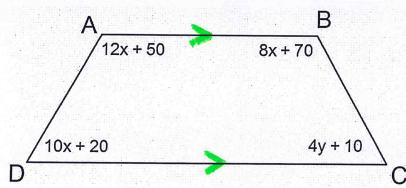
- 1. SomE Parallelograms are Rectangles.
- 2. EVERY Isosceles Trapezoid is a Trapezoid.
- 3. If a figure is a \_\_\_\_\_\_ SCOUARE \_\_\_, then it is a Rhombus.
- 4. \_\_\_\_ALL Kites are Quadrilaterals.
- 5. Use the fact that ABCD is an Isosceles Trapezoid to find the value of each variable and then the measure of each of the four angles.

$$x = 5 \qquad y = 15$$

$$y = 15$$

$$\angle B = 1/0^{\circ}$$

$$\angle A = 10^{\circ} \qquad \angle B = 10^{\circ} \qquad \angle C = 70^{\circ} \qquad \angle D = 70^{\circ}$$



BOTH PAIR OF BASE L'S ARE CONGRUENT

$$12x+50 = 8x+70$$

$$\frac{4x = 20}{4}$$

$$22x = 110$$

$$\begin{array}{ccc} 22 & 22 \\ X = 5 \end{array}$$