

What is the scale factor September 14, 2018

Find the value of x and the length of segment DE .

Find the length of height of the tree.

Handwritten notes for scale factor: $\frac{8}{12} = \frac{6}{9} = \frac{10}{15} = 1.5$ (reducing)

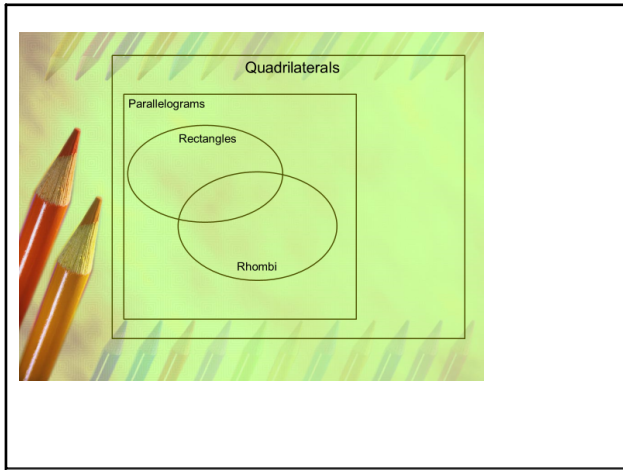
Handwritten equations for DE: $2(6) = x - 1$, $12 = x - 1$, $+1$, $13 = x$

Handwritten equations for tree height: $\frac{2}{3} = \frac{t}{30}$, $3t = 60$, $t = 20$

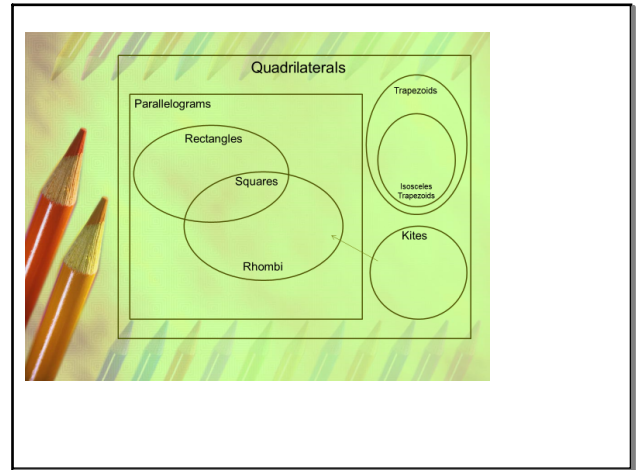
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Quadrilateral Venn Diagram

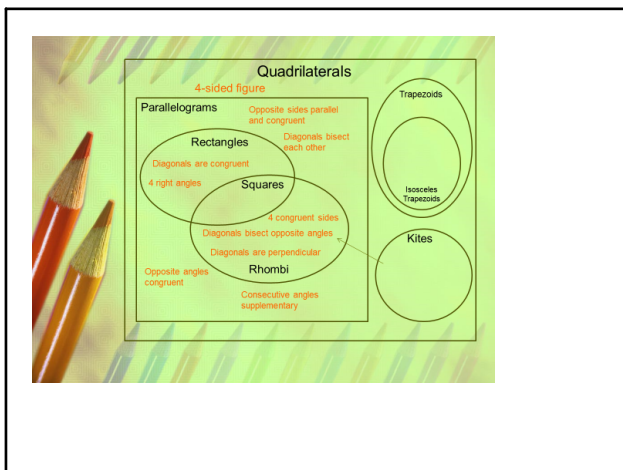
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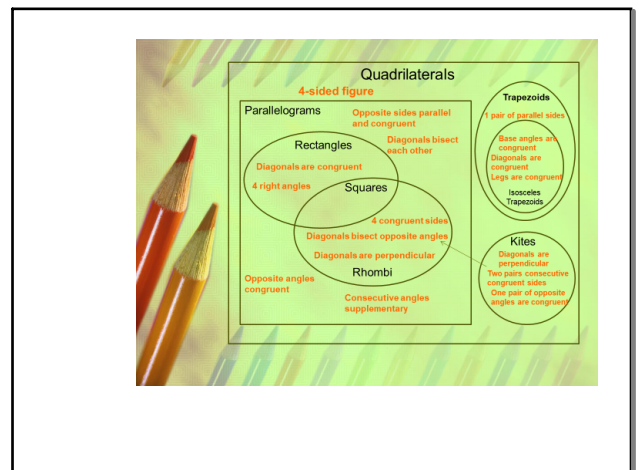
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Sep 14-8:14 AM

Geometry Name _____

Quadrilaterals

Cut the following out and place on the G.O. where the items go.

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Quadrilaterals – Properties Chart

Complete the properties chart for each quadrilateral. Tell how many and which angles or sides fit each description. Tell the characteristics of the diagonals for each quadrilateral.

Figure	Congruent Angles	Congruent Sides	Parallel Sides	Diagonals
Parallelogram	Yes, opposite angle	Yes, opposite side	Yes, 2 sets	bisect
Rectangle	Yes, all 4	Yes, 2 sets	Yes, 2 sets	bisect
Rhombus				
Square	Yes, all 4	Yes, all 4	Yes, 2 sets	They are equal, they bisect
Trapezoid				
Isosceles Trapezoid				
Kite	Yes, 1 set	Yes, 2 sets	NO	perpendicular

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Quadrilaterals – Flow Chart

Complete the flow chart with the name of the appropriate quadrilateral. Include a diagram to represent each quadrilateral.

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Quadrilaterals – Venn Diagram

Complete the Venn diagram with the name of the appropriate quadrilateral. Include a diagram(s) to represent each quadrilateral.

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Geometry Name _____

Quadrilateral

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Sec 2.4 Geometry - Constructions

1. [COPY SEGMENT] Construct a segment with an endpoint of C and congruent to the segment AB.

2. [COPY ANGLE] Construct an angle with ray \overrightarrow{JK} and congruent to the angle $\angle DEF$.

Using a ruler measure the two lengths to make sure they have the same measure.

Using a protractor measure the two angles to make sure they have the same measure.

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