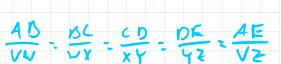
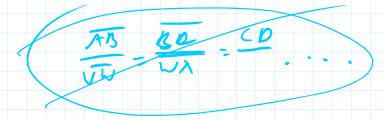
Sec. 8.1-8.2 Quiz Review

List <u>all pairs of congruent angles</u>. Then write the ratios of the corresponding side lengths in a statement of proportionality.

 $ABCDE \sim VWXYZ$

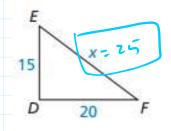




2

The POLYGONS ARE SIMILAR. Write a proportion and find the value of x.

DEF~ JMNP



$$\frac{X}{30} = \frac{20}{24}$$

$$\frac{15}{18} = \frac{\chi_2\varsigma}{30}$$

$$\frac{5}{8} = \frac{\chi_{24}}{30}$$

$$\left| \frac{5}{4} \right| 24x = \frac{34x}{34} = \frac{1}{34}$$

In the diagram, the two gazebos are similar. Find the perimeter of each given that $ABCDE \sim FGHJK$

Gazebo B Gazebo A A 10 m B Pel 15-15+9+17+15+18 69

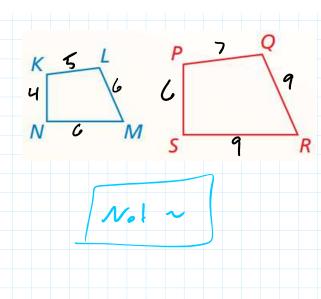
$$\frac{10}{15} = \frac{P}{45}$$

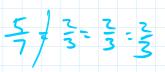
$$\frac{19}{15} = \frac{P}{45} = \frac{P}{65} = \frac{P}{65$$

Determine whether the polygons are similar. If they are, write a similarity statement.



KL I'm mv NK



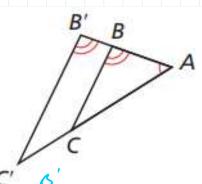


2

Show that the two triangles are similar.

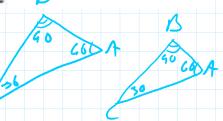
Explain your reasoning. $\triangle ABC \sim \triangle AB'C'$

LB=LB'

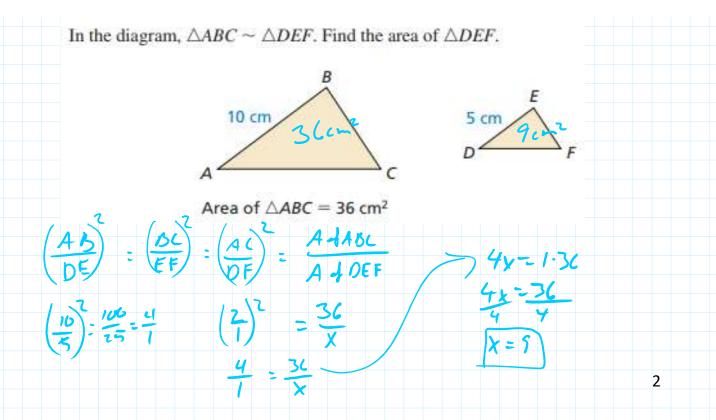


LAZLA

... AA sinilarily



2



Note card allowed
Calculator allowed
12 Questions
GOOD LUCK!