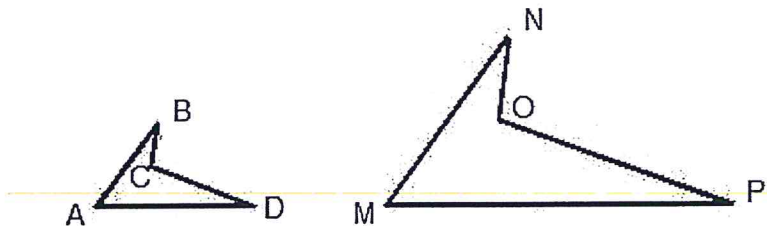
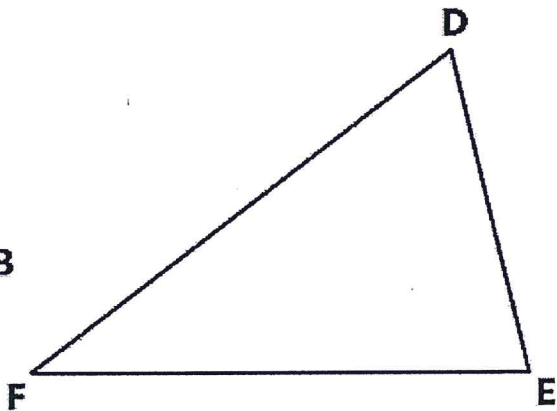
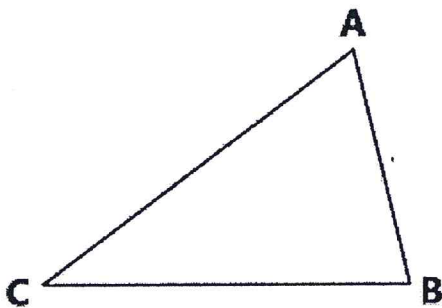


The following figures are similar. Determine the following measures and use them to determine the definition of similar figures.



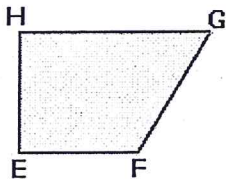
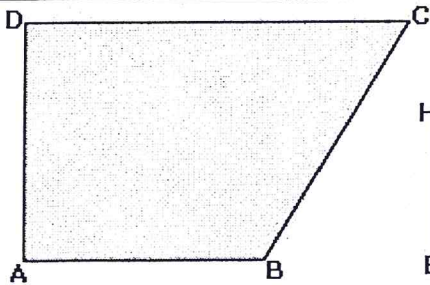
$$ABCD \sim MNOP$$

Side	Length (cm)	Corresponding Side	Length (cm)	Ratio of corresponding sides(round to the nearest tenth)	Angle	Measure (degree)	Angle	Measure



$$\triangle ABC \sim \triangle DEF$$

Side	Length (cm)	Corresponding Side	Length (cm)	Ratio of corresponding sides(round to the nearest tenth)	Angle	Measure (degree)	Angle	Measure



$$ADCB \sim EHGF$$

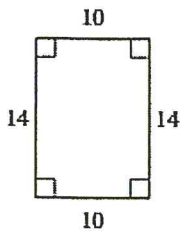
Side	Length (cm)	Corresponding Side	Length (cm)	Ratio of corresponding sides(round to the nearest tenth)	Angle	Measure (degree)	Angle	Measure

How would you define similar figures based on the above information?

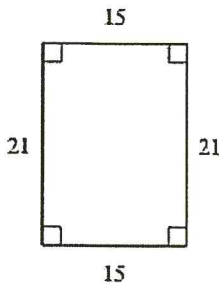
Use the definition from the previous page to complete the following.

**State if the polygons are similar.**

1)

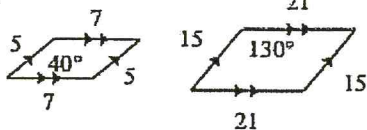


Work:



Answer:

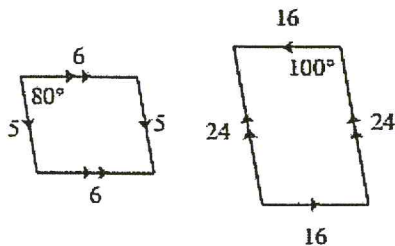
2)



Work:

Answer:

3)



Work:

Answer: