







Measure the angles and sides of triangle $\mathsf{D}'\mathsf{E}'\mathsf{F}'$ and triangle $\mathsf{D}\mathsf{E}\mathsf{F}$. Are the two triangles similar? Explain your reasoning .



In triangles DEF and D'E'F', two pairs of corresponding angles are congruent . Determine if this is sufficient information to conclude that the triangles are similar .

F

2

























Given: DE || AB Prove: $\Delta ABC \sim \Delta DEC$ Statement Reason DE//AB given <C=<C reflexive <CDE=CAB Corr C3 DABC~ ADEC AA~TC





4.
$$A: (1,2)$$
 $A': (4,8)$
 $I:q=4$
 $2:q=8$
 $a: mult$
 $B: (3,6)$ $B': (12,24)$
 $3:q=12$
 $6:q=24$
 $5:f:multi.$
 $5. G(0,20)$ $G': (0,15)$
 $0:q=0$
 $2:0:3 - 60 = 15$
 $5:f:$