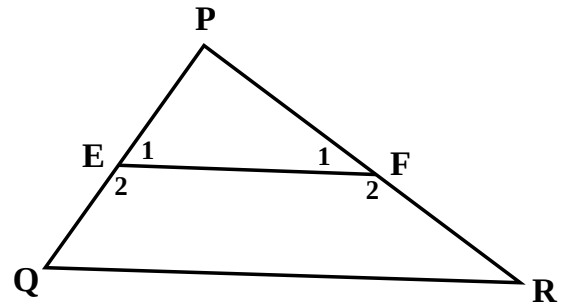


Exercise 2015-9EP-00003(1)

(1) $FE \parallel QR$. Prove that: (a) $\triangle PEF \parallel \triangle PQR$

(b) $PE \cdot PR = PQ \cdot PF$



(2) $\hat{T}_2 = \hat{C}$ and $AC = BC$.

Prove that: (a) $\triangle ABC \parallel \triangle BCT$

(b) $BC^2 = AB \cdot CT$

