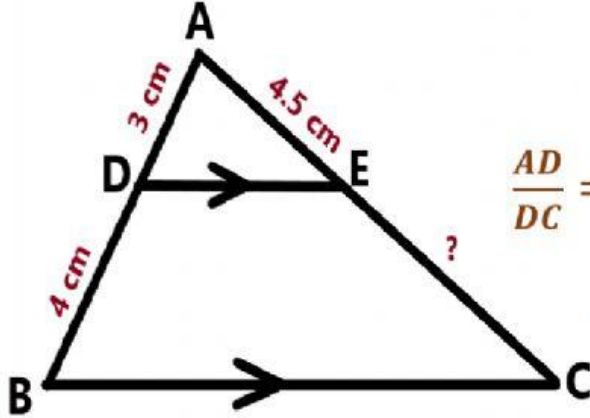


ಸರ್ಕಾರಿ ಪ್ರೌಢಶಾಲೆ, ರಾಯಲ್ಪಾಡು

ವಿದ್ಯಾರ್ಥಿ ಹೆಸರು (Name of the student) _____



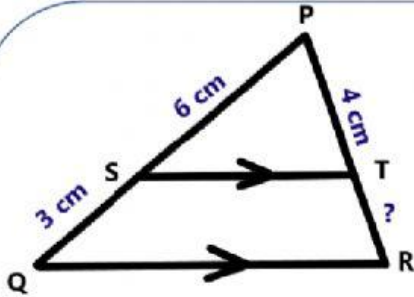
In $\triangle ABC$ ದಲ್ಲಿ $DE \parallel BC$

ಥೇಲ್ಸ್ ಪ್ರಮೇಯ Thales theorem

$$\frac{AD}{DC} = \frac{AE}{EC} \Rightarrow \frac{3}{4} = \frac{4.5}{EC} \Rightarrow 3EC = 4.5 \times 4$$

$$EC = \frac{4.5 \times 4}{3} \Rightarrow EC = 1.5 \times 4$$

$$EC = 6 \text{ cm}$$

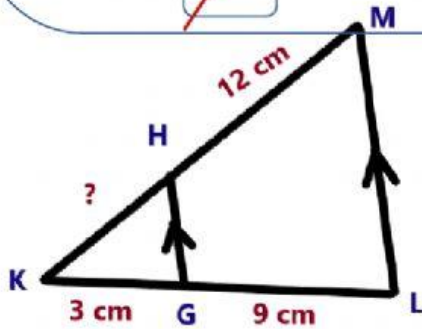


In $\triangle$ _____ ದಲ್ಲಿ _____ $\parallel$ _____

$$\frac{\square}{\square} = \frac{\square}{\square} \Rightarrow \frac{\square}{\square} = \frac{\square}{\square}$$

$$\square \square = \square \times \square \Rightarrow \square = \frac{\square \times \square}{\square}$$

$$\square = \frac{\square}{\square} \Rightarrow \square = \square \text{ cm}$$



In $\triangle$ _____ ದಲ್ಲಿ _____ $\parallel$ _____

$$\frac{\square}{\square} = \frac{\square}{\square} \Rightarrow \frac{\square}{\square} = \frac{\square}{\square}$$

$$\square \square = \square \times \square \Rightarrow \square = \frac{\square \times \square}{\square}$$

$$\square = \frac{\square}{\square} \Rightarrow \square = \square \text{ cm}$$

