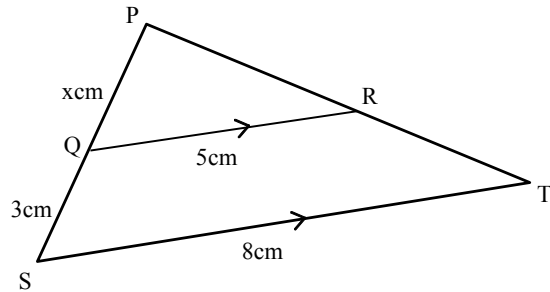


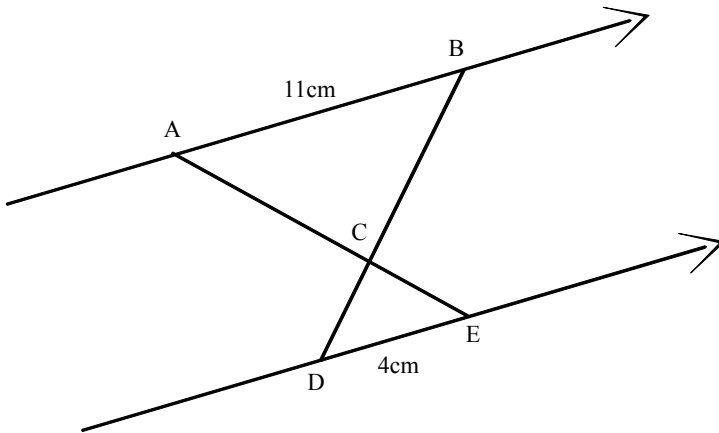
Similar Triangles - Further Problems

1) (a) Name two similar triangles, giving reasons for the angles being equal.

(b) Find x .



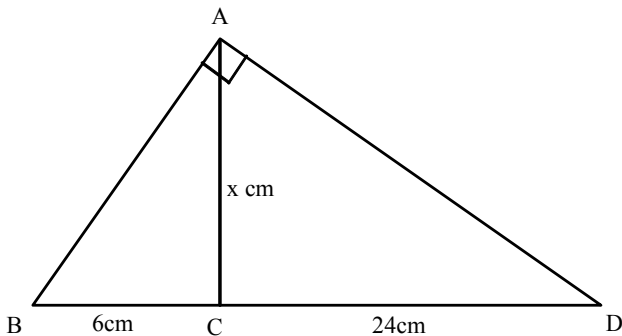
2) In this diagram $AE = 12\text{cm}$. Find AC and CE



3) $\angle BAD$ and $\angle BCA$ are right angles.

(a) Explain why $\triangle BAC$ and $\triangle DAC$ are similar triangles.

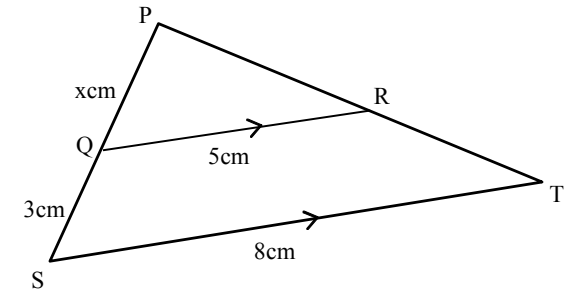
(b) Form an equation in x and solve it to find AC .



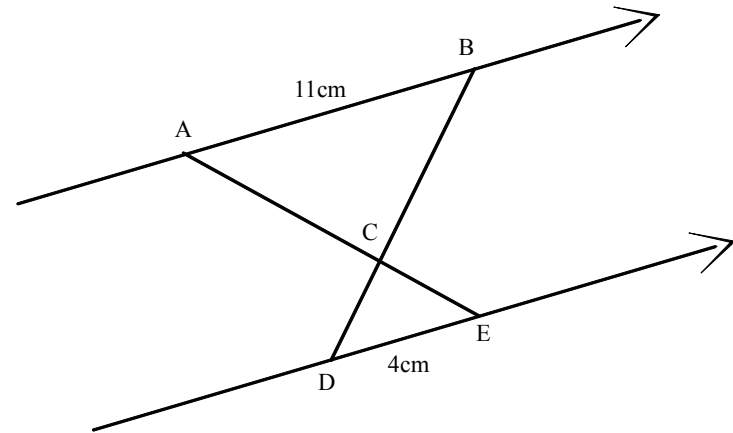
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