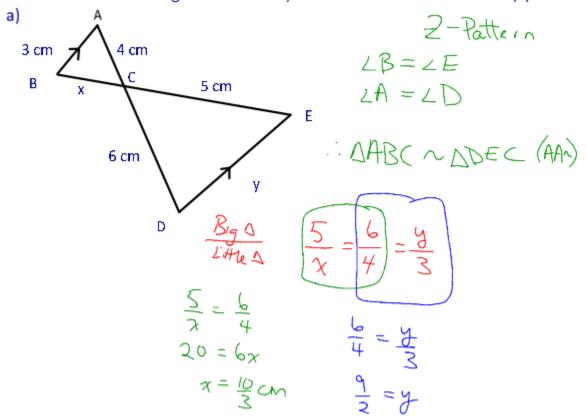


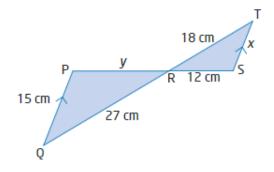
Ex. 1: Prove the triangles are similar, then solve for the unknown(s).



Textbook problems (Page 348)

For help with questions 5 to 7, see Example 1.

- **5. a)** Show why $\triangle PQR$ is similar to $\triangle STR$.
 - **b)** Find the lengths x and y.



7. Find the length of x in each.

