

National 5 Final Exam Revision

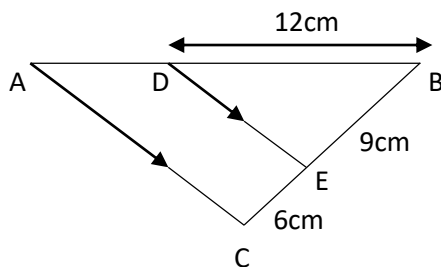
Geometric Skills

Similar Triangles

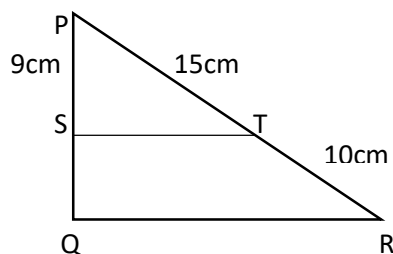
Average Allocation

3 Marks

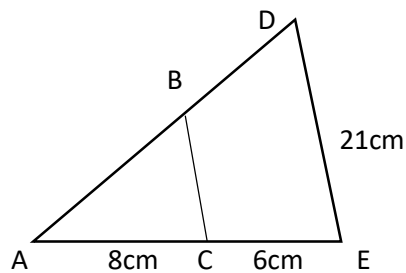
1. Triangles ABC and BDE are similar. Calculate the length of AD.



2. In the diagram below PQ is vertical and both QR and ST are horizontal.



- Explain why triangles PST and PQR are mathematically similar.
 - Hence, find the length of PQ.
3. In the diagram below, triangles ABC and ADE are mathematically similar. BC is parallel to DE.



Calculate the length of BC.

4. The two triangles below are similar. The area of triangle DEF is 32 cm^2 . Work out the area of triangle PQR

