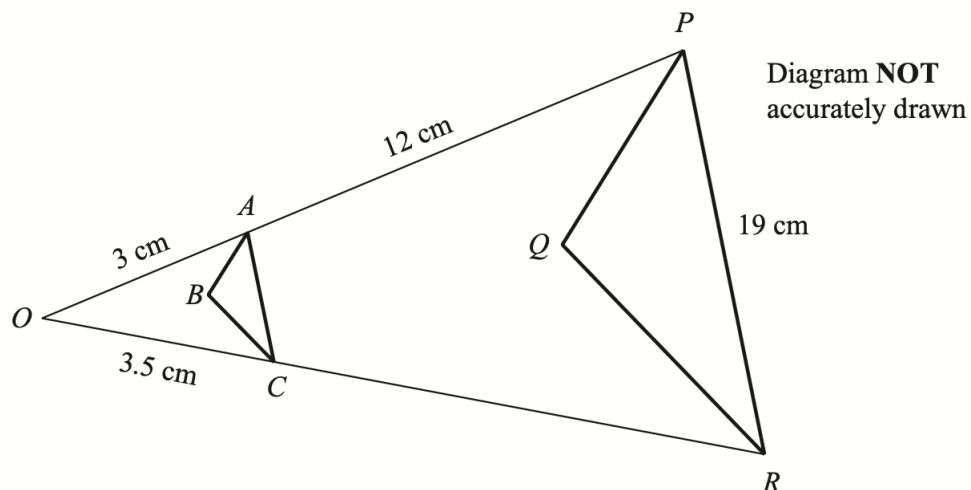


Dr Oliver Mathematics
Worked Examples
Mensuration 3

From: IGCSE 2012 June Paper 3H Q11: Calculator

1. Triangle PQR is an enlargement, centre O , of triangle ABC .



- OAP and OCR are straight lines.
 - $OA = 3\text{ cm}$.
 - $AP = 12\text{ cm}$.
 - $OC = 3.5\text{ cm}$.
 - $PR = 19\text{ cm}$.
- (a) Work out the length of CR . (2)
- (b) Work out the length of AC . (3)
- The area of triangle ABC is 2 cm^2 .
- (c) Work out the area of triangle PQR . (2)