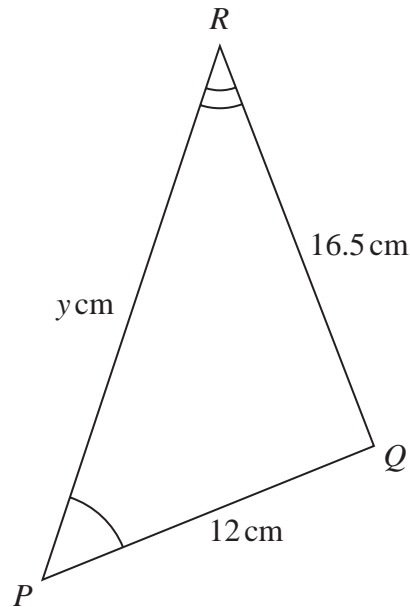
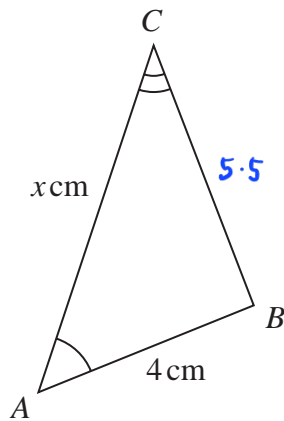


18

Diagram **NOT**
accurately drawnTriangle ABC is similar to triangle PQR

$$AB = 4 \text{ cm} \quad PQ = 12 \text{ cm} \quad RQ = 16.5 \text{ cm} \quad AC = x \text{ cm} \quad PR = y \text{ cm}$$

(a) Calculate the length of BC

$$BC = \frac{4}{12} \times 16.5 \text{ cm} \quad (1)$$

$$= 5.5 \text{ cm} \quad (1)$$

$$\frac{5.5}{(2)} \text{ cm}$$

(Total for Question 18 is 2 marks)