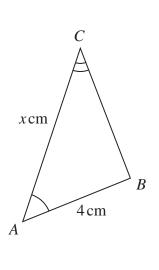
1



R
16.5 cm

12 cm

Diagram **NOT** accurately drawn

Triangle ABC is similar to triangle PQR

$$AB = 4 \,\mathrm{cm}$$

$$PQ = 12 \,\mathrm{cm}$$

$$RQ = 16.5 \, \text{cm}$$

$$AC = x \,\mathrm{cm}$$

$$PR = y \, \text{cm}$$

(a) Calculate the length of BC

.....cm (2)

(Total for Question 1 is 2 marks)