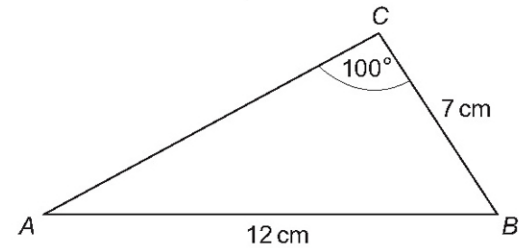
7 The triangle ABC is shown in **Figure 1**

Figure 1



AB has length 12 cm

BC has length 7 cm

Angle ACB is 100°

Find the shortest distance from C to the line AB

Give your answer to one decimal place.

[4 marks]