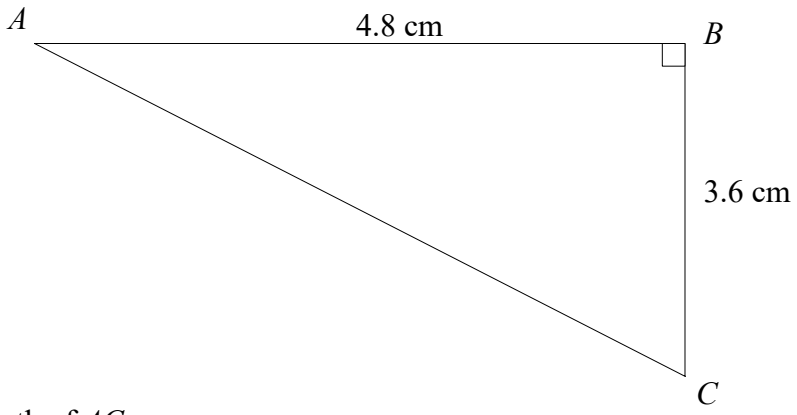
**1**



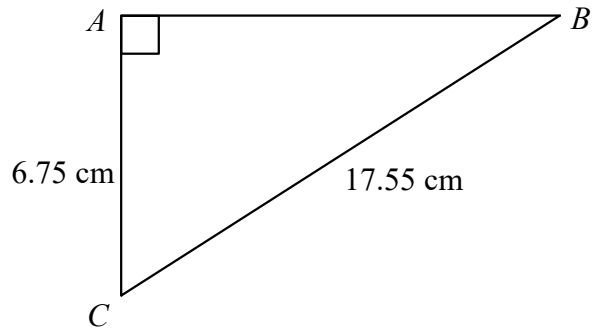

Calculate the length of $AC$.

….....cm

**(Total for question 1 is 3 marks)**

---

**2**

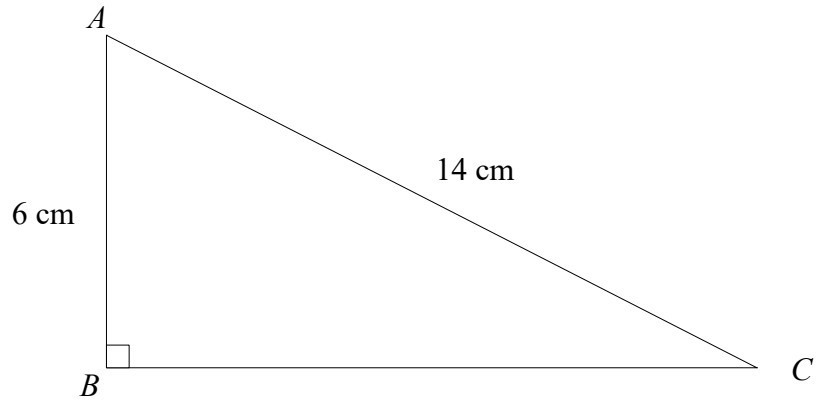



Calculate the length of $AB$.

….....cm

**(Total for question 2 is 3 marks)**

**3**

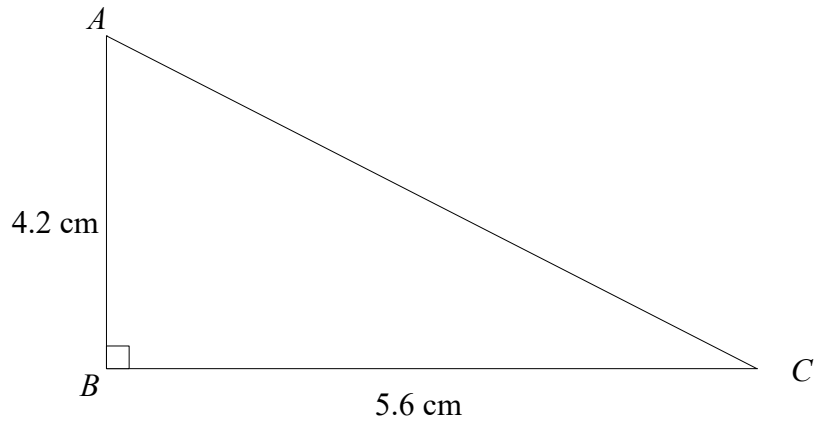



Calculate the length of $BC$.
Give your answer to 1 decimal place.

….....cm

**(Total for question 3 is 3 marks)**

**4**

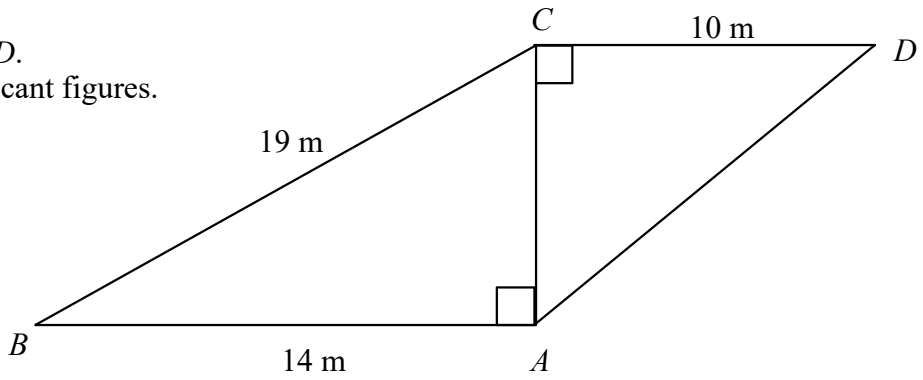



Calculate the length of $AC$.

….....cm

**(Total for question 4 is 3 marks)**

**5** Calculate the length of the *AD*.
Give your answer to 3 significant figures.

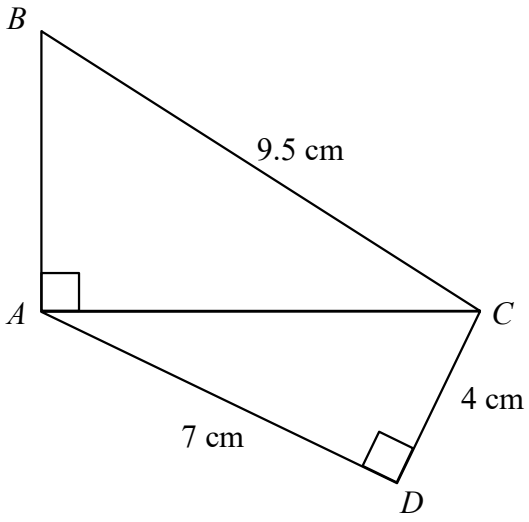



….....m

**(Total for question 5 is 4 marks)**

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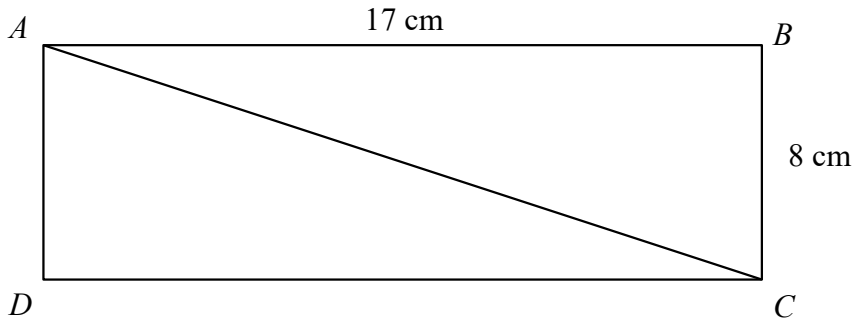
**6** Calculate the length of the *AB*.
Give your answer to 3 significant figures.




….....cm

**(Total for question 5 is 4 marks)**

**7**




*ABCD* is a rectangle .
Calculate the length of the diagonal *AC*.

Give your answer correct to 1 decimal place.

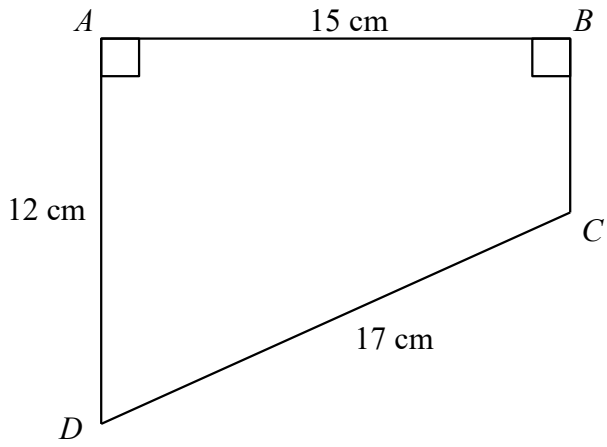
….....cm

**(Total for question 7 is 3 marks)**

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**8** *ABCD* is a trapezium.

Calculate the length of *BC*.

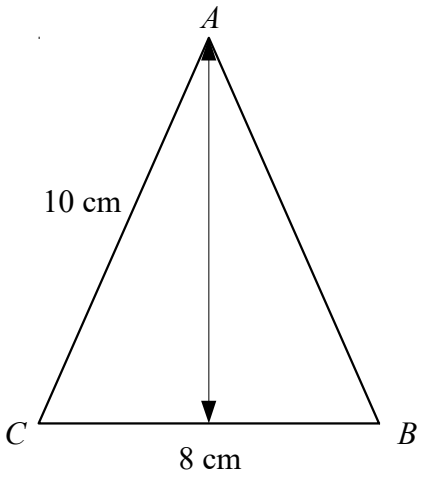



….....cm

**(Total for question 8 is 3 marks)**

**9** *ABC* is an isosceles triangle.

Calculate the perpendicular height of *ABC*.
Give your answer correct to 3 significant figures..



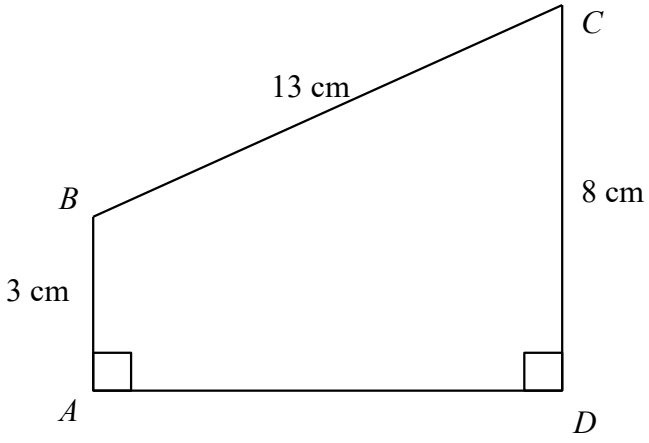

….....cm

**(Total for question 9 is 3 marks)**

---

**10** *ABCD* is a trapezium.

Calculate the length of *AC*.
Give your answer correct to 3 significant figures..




….....cm

**(Total for question 10 is 4 marks)**

**11** A ship leaves point A and sails for 3.7 km due North.
The ship then sails for 2.4 km due East to reach point B.

Calculate the the shortest distance between point A and point B.
Give your answer correct to 1 decimal place.

.....km

**(Total for question 11 is 3 marks)**

**12** A ladder reaches 2.5 m up a vertical wall.
The base of the ladder is 70 cm from the base of the wall on a horizontal ground.

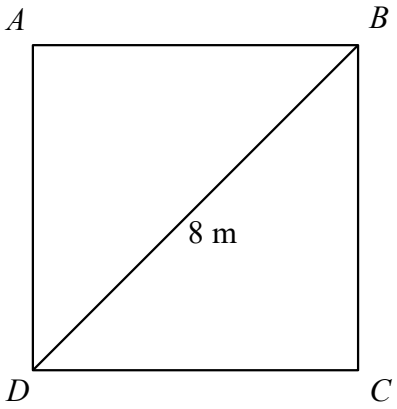
Find the length of the ladder.

.....

**(Total for question 12 is 4 marks)**

**13** *ABCD* is a square.
The diagonal of the square is 8 m.

Calculate the perimeter of the square.
Give your answer correct to one decimal place.




….....m

**(Total for question 13 is 3 marks)**

**14** A television has a diagonal length of 50 inches.

The ratio of the length of the television to the width of the television is 4:3

Calculate the length and the width of the television.
Give your answers correct to 1 decimal place.

Length ….....… inches

Width ….....… inches

**(Total for question 14 is 3 marks)**