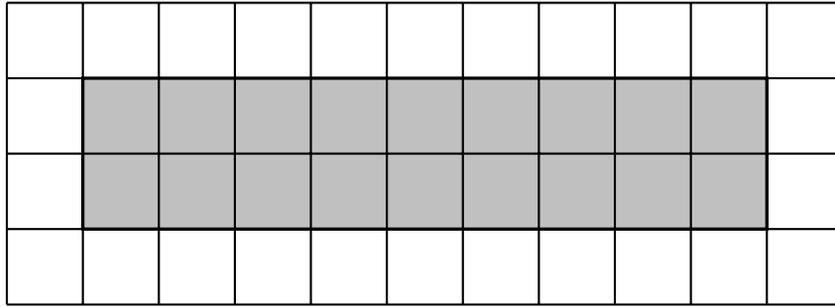
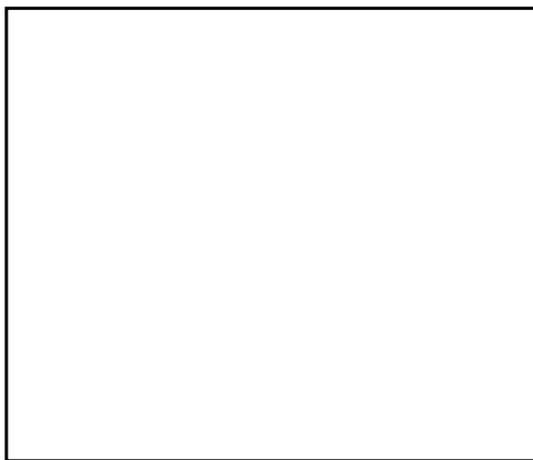


1. Here is a rectangle on a centimetre grid.



Find the perimeter of the shaded rectangle.

2. Here is a rectangle.

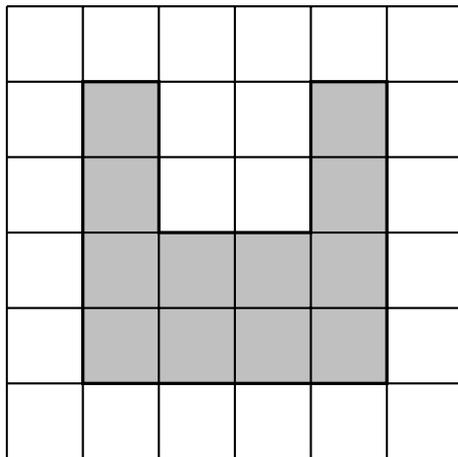


7 cm Diagram NOT accurately drawn

10 cm

Work out the perimeter of the rectangle.

3. The shaded shape is drawn on a grid of centimetre squares.



Find the perimeter of the shaded shape.

4. Here is a square with a side length of 0.4 m. {OR side of 1 centimetre. OR PQ = 3.24km}

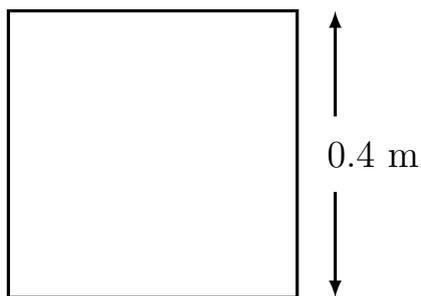


Diagram NOT accurately drawn

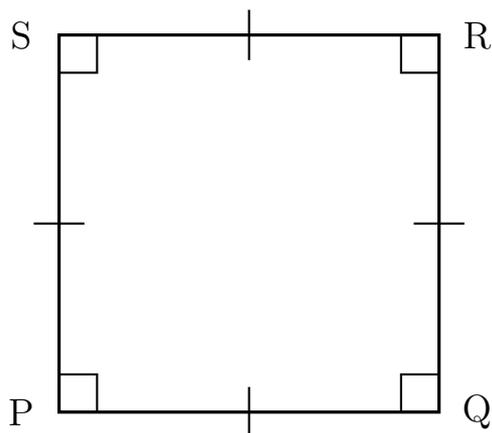
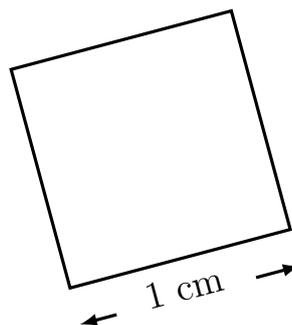


Diagram NOT accurately drawn

Work out the perimeter of the square. {OR Work out the perimeter of PQRS}
 {OR no diagram only words}

5. Here is a square with a perimeter of 400 mm. {OR 3.6 cm OR PQRS = 3.24 km}



Diagram NOT accurately drawn

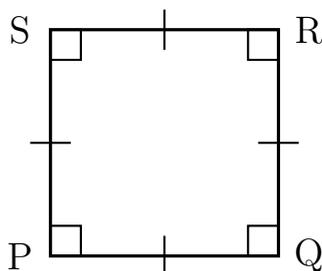
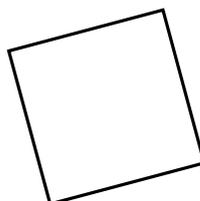


Diagram NOT accurately drawn

Work out the length of one side of the square. {OR Work out the length PQ OR x }
 {OR no diagram only words}

6. (a) A circle has a diameter of 28.2 km.

Work out the circumference of the circle in kilometres.

Give your answer correct to 1 decimal places.

(b) Here is a plan view of a circus ring.

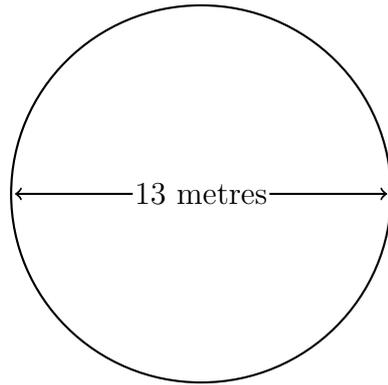


Diagram NOT
accurately drawn

The circus ring is in the shape of a circle.
The diameter of the circus ring is 13 metres.

Work out the circumference of the circus ring.
Give your answer correct to 2 decimal place.

7. (a) The diagram shows the positions of three theme park characters A, Q and R.

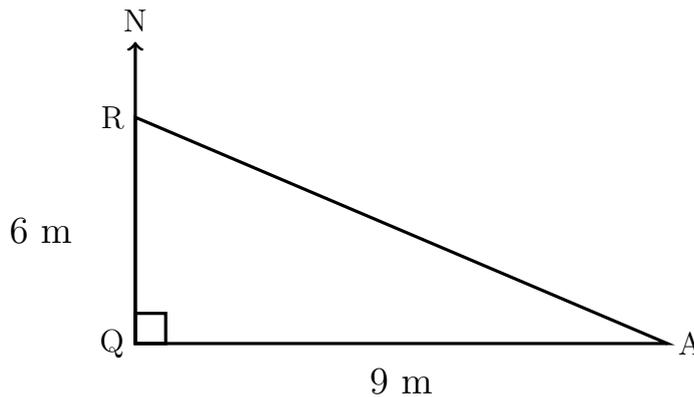


Diagram NOT
accurately drawn

The rabbit R, is 6 metres due north of the queen, Q.
Alice, A is 9 metres due east of Q.
Calculate the distance AR between Alice and the rabbit.
Give your answer correct to 1 decimal place.

(b) Here is a right angled triangle.

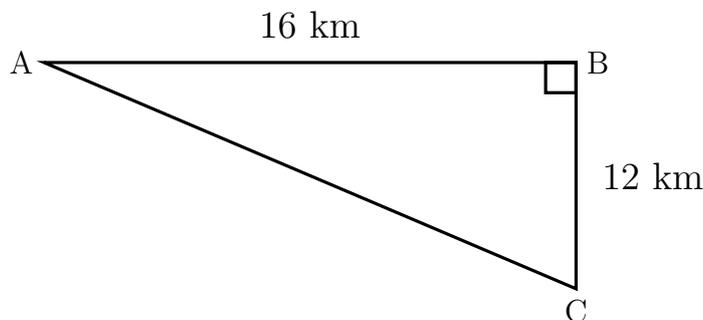


Diagram NOT
accurately drawn

$AB = 15 \text{ km}$
 $BC = 10 \text{ km}$
Work out the length of AC.

8. (a) Here is a right angled triangle.

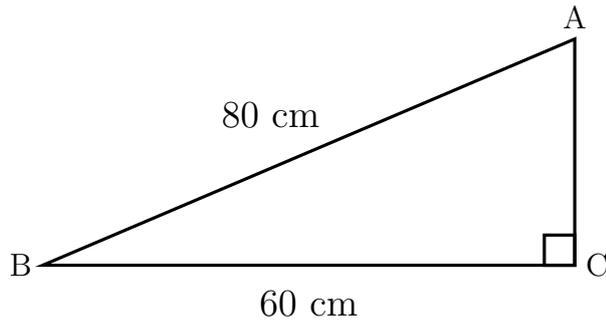


Diagram NOT
accurately drawn

$$AB = 80 \text{ cm}$$

$$BC = 60 \text{ cm}$$

Work out the length of AC.

Give your answer correct to 1 decimal place.

- (b) In the diagram the right angled triangle ABC represents a ladder BC resting against a wall AC.

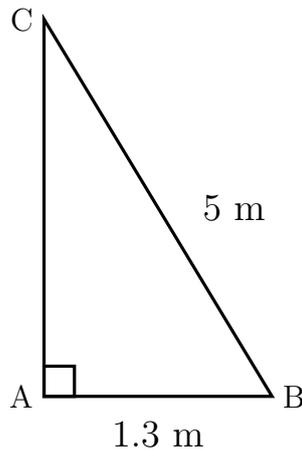


Diagram NOT
accurately drawn

The distance AB between the base of the wall and the foot of the ladder is 1.3 m

The length of the ladder BC is 5 m

Calculate the height AC.