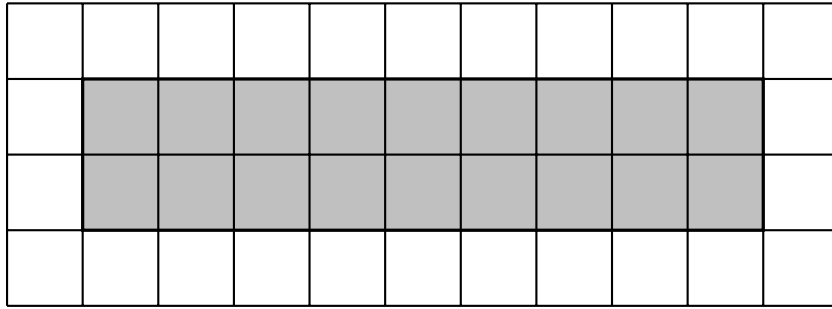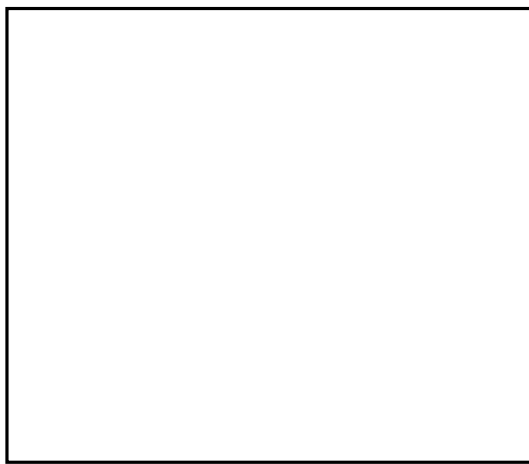1. Here is a rectangle on a centimetre grid.

Find the perimeter of the shaded rectangle.

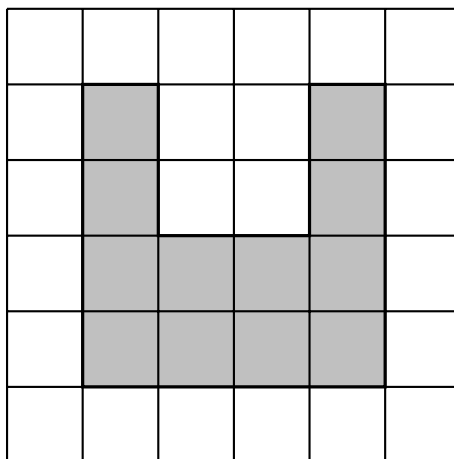2. Here is a rectangle.

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}
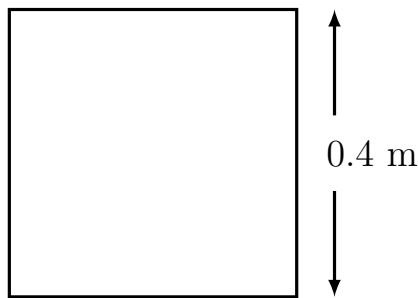
0.4 m

Diagram NOT
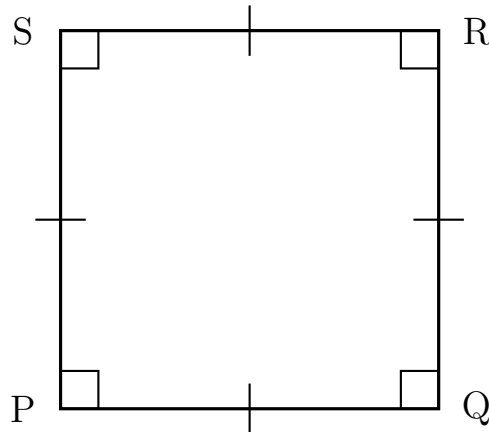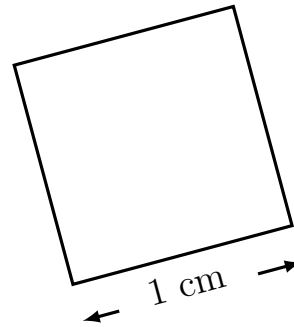accurately drawn

1 cm

S   R

Diagram NOT
accurately drawn

P   Q

Work out the perimeter of the square. {OR Work out the perimeter of PQRS}

{OR no diagram only words}

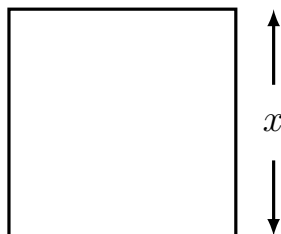5. Here is a square with a perimeter of 400 mm. {OR 3.6 cm OR PQRS = 3.24 km}
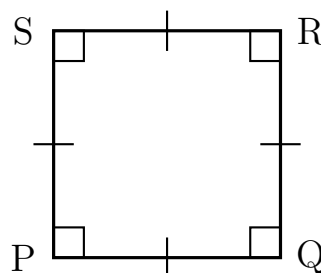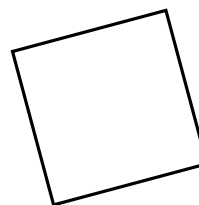
x Diagram NOT
accurately drawn

S   R

Diagram NOT
accurately drawn

P   Q

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.
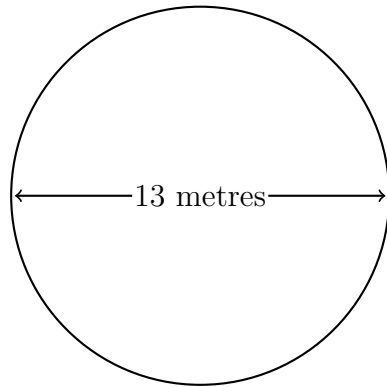

13 metres

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.
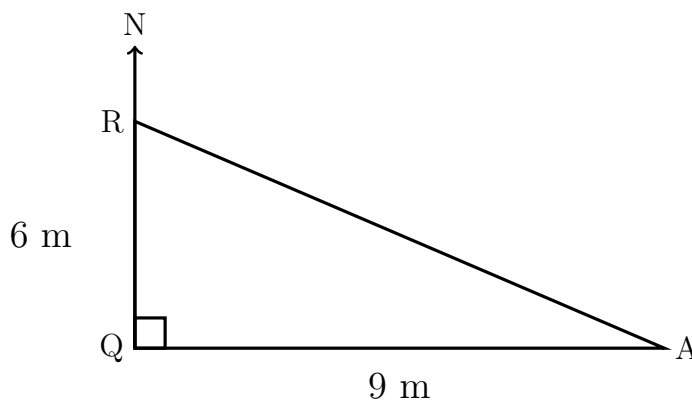

N

R

6 m

Q

9 m

A

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.
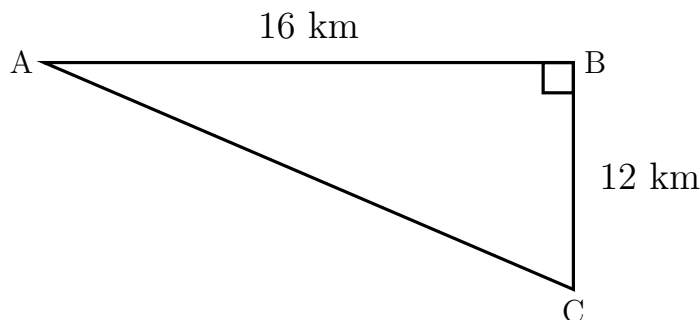
(b) Here is a right angled triangle.

16 km

A

B

12 km

C

Diagram NOT
accurately drawn

AB = 15 km
BC = 10 km
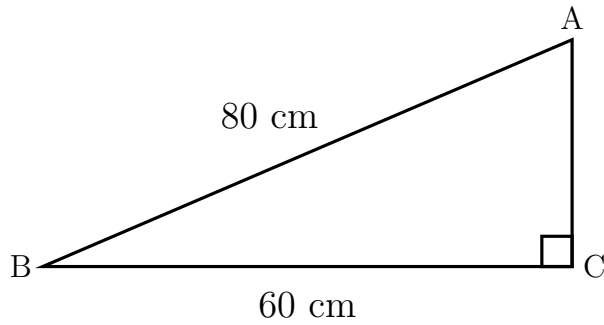Work out the length of AC.

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

A

80 cm

Diagram NOT
accurately drawn

B

60 cm

C

AB = 80 cm
BC = 60 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.

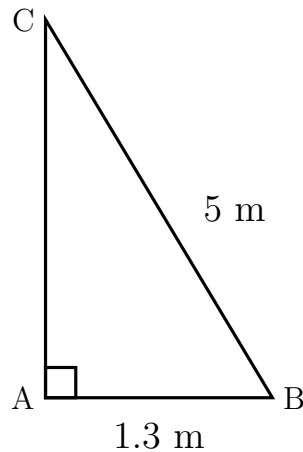C

5 m

Diagram NOT
accurately drawn

A

B

1.3 m

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.