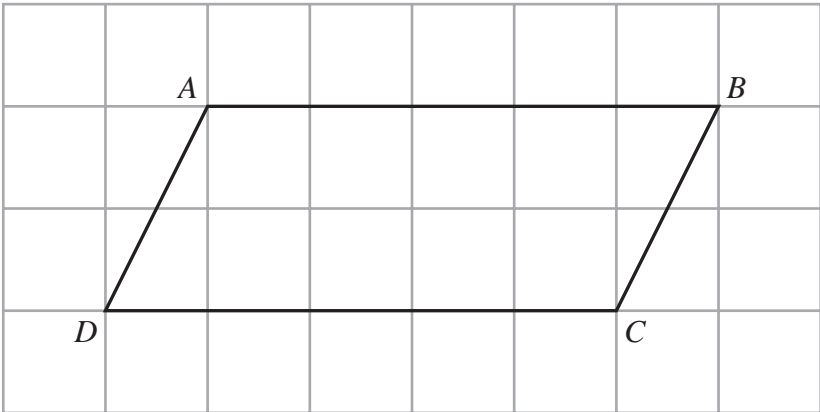


1 The diagram shows a quadrilateral $ABCD$ drawn on a square grid.

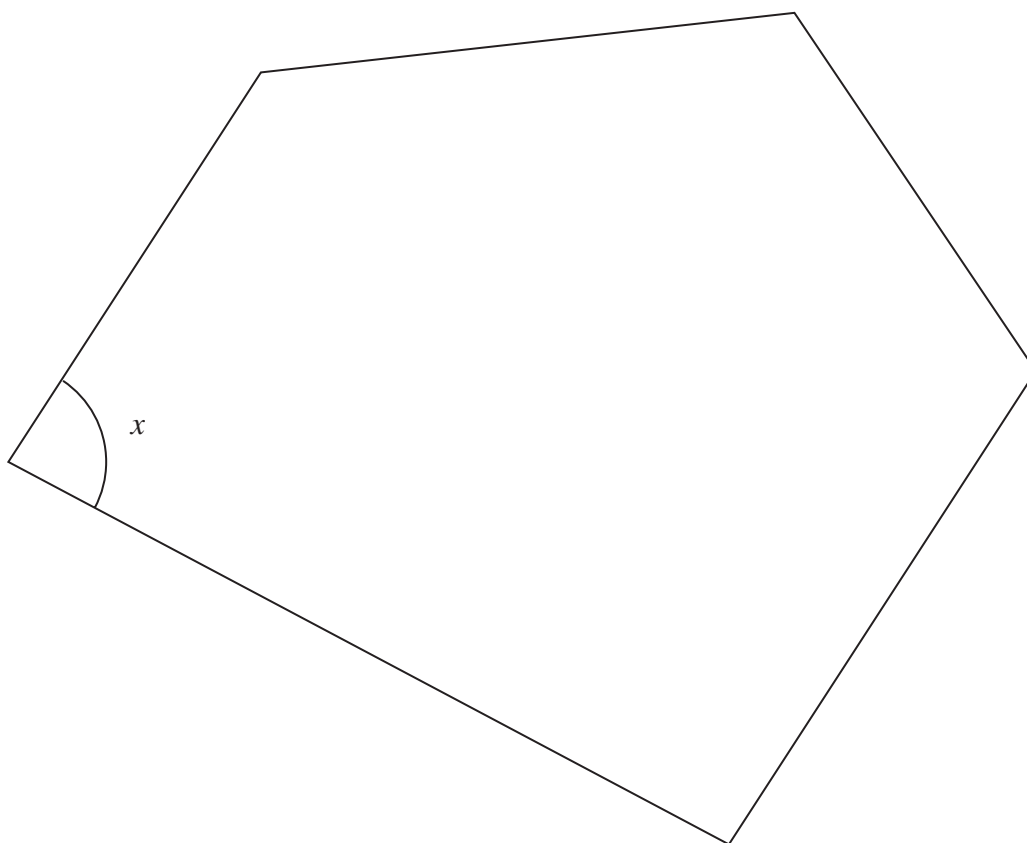


(a) Measure the length of BC .

..... cm
(1)

(Total for Question 1 is 1 marks)

- 2 Here is a polygon with five sides.

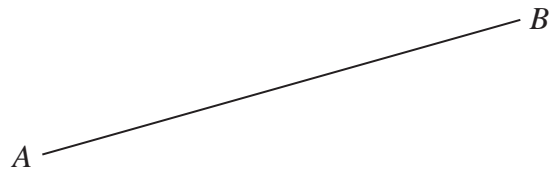


- (b) Measure the size of the angle marked x .

.....
(1)

(Total for Question 2 is 1 marks)

3 (b)



Measure the length of AB .

..... cm
(1)

(Total for Question 3 is 1 marks)

4 (c) Change 7.6 metres into centimetres.

..... centimetres

(1)

(Total for Question 4 is 1 marks)

5 Janine has 2 litres of orange squash.

She also has some empty cups.

When full, each cup holds 300 millilitres of orange squash.

Janine fills as many cups as possible.

How much orange squash does Janine have left after filling as many cups as possible?

State the units of your answer.

.....

(Total for Question 5 is 3 marks)

6 Iwan is going to buy the following items

- 1 plant pot at £8
- 3 bags of soil at £4.50 for each bag
- some packets of seeds at £1.10 for each packet.

Iwan has a total of £30 to spend on these items.

He buys as many packets of seeds as he can.

Work out how much change Iwan should receive.

£.....

(Total for Question 6 is 4 marks)

- 7 The diagram shows one face of a wall.
This face is in the shape of a pentagon with exactly one line of symmetry.

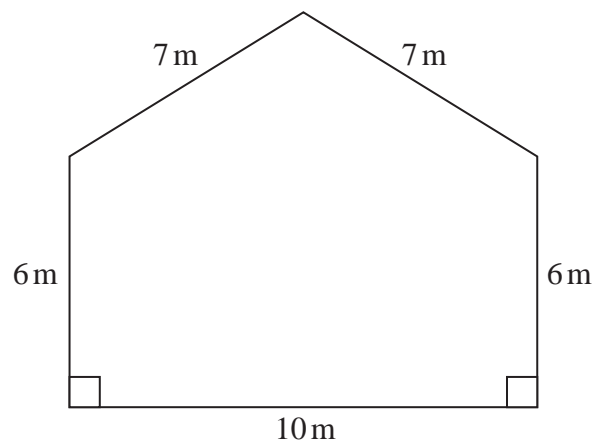


Diagram **NOT**
accurately drawn

Omondi is going to paint this face of the wall once.
He has to buy all the paint that he needs to use.

The paint in each tin of paint Omondi is going to buy will cover 16 m^2 of the face of the wall.

Work out the least number of tins of paint Omondi will need to buy.
Show your working clearly.

(Total for Question 7 is 5 marks)

8 Nav makes bracelets using cord.

Nav has a 6 metre length of cord.

Each bracelet needs 17.5 cm of cord.

Work out the greatest number of bracelets that Nav can make.

(Total for Question 8 is 3 marks)

- 9** Paolo has a bag of flour.
The flour in the bag has a weight of 3 kilograms.

Paolo makes 8 pies using the flour in the bag.

3 of the pies each need 150 grams of the flour.

5 of the pies each need 180 grams of the flour.

Work out the weight of flour that remains in the bag when Paolo has made these pies.

Give your answer in grams.

..... grams

(Total for Question 9 is 3 marks)

10 Sophia spends a total of £6.30 on cheese.

She buys 500 g of Cheddar cheese and 200 g of Stilton cheese.

The cost of the Cheddar cheese is £9.20 for 1 kg.

Work out the cost of 1 kg of the Stilton cheese.

£.....

(Total for Question 10 is 4 marks)

11 Brigid recorded the distance she ran on each of three days.

The table shows her results.

| Day | Distance |
|-----------|----------|
| Monday | 5950m |
| Tuesday | 14.5 km |
| Wednesday | 9000m |

Brigid set herself the target of running a **total** of at least 30km on these three days.

Show that Brigid did not achieve her target.

(Total for Question 11 is 3 marks)

12 It takes a machine 8 seconds to produce a bolt.

Each day, the machine starts producing bolts at 09 30

The machine produces bolts continuously every 8 seconds until it stops at 16 10 on the same day.

Work out how many bolts the machine produces each day.

.....

(Total for Question 12 is 4 marks)