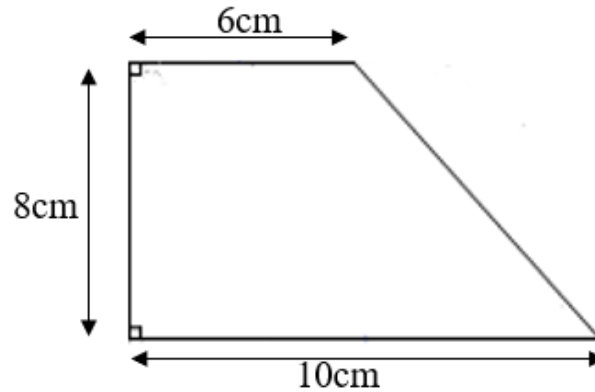


1

Look at the shape below.



What is the area of this shape?

- A 84 cm<sup>2</sup>    B 80 cm<sup>2</sup>    C 128 cm<sup>2</sup>    D 112 cm<sup>2</sup>    E 64 cm<sup>2</sup>

2

In a shop, John buys:

13 apples at 12p each

8 bananas at 32p each

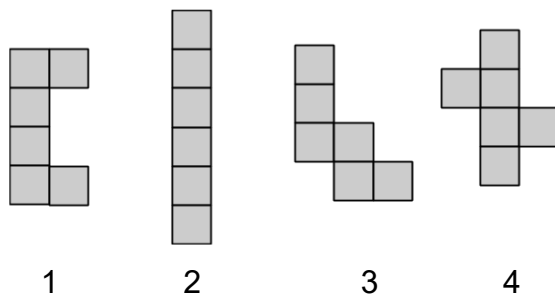
9 mangoes at £1.50 each

How much change will John get from a £20 note?

- A £2.38    B £3.38    C £1.62    D £4.12    E £2.62

3

Look at the nets below.



Which net would fold to make a cube?

- A 1      B 2      C 3      D 4      E None

4

A map has the following scale: 1 centimetre represents 6 kilometres.  
Two car parks are 43.2 kilometres apart.

Using the scale above, how far apart are the car parks on the map?

- A 7 cm      B 7.2 cm      C 6 cm      D 43.2 cm      E 8.2 cm

For question 5, you must **write your answers** in the spaces provided in the question.

5

Look at the function machine below.



Use this function machine to complete the table below.

In	Out
99	6
81	
	7

In this exercise you have to choose the **best** word, or **group of words**, to complete each numbered line so that the passage makes sense and is written in correct English. Choose the best answer and **mark its letter on your answer sheet**.

## Grammar Exercise

- 1 The chef prepared the meal carefully so that  
 each  any  up  all  some ingredient was cooked perfectly.  
A B C D E
- 2 Liam paused at the edge of the pool, unsure  
 on  whether  although  unless  despite he should dive in.  
A B C D E
- 3 The teacher finished explaining the task  
 but  while  because  then  although the pupils began their work.  
A B C D E
- 4 The crowd grew  more excited  most excited  excite  excitedly  exciting  
A B C D E  
as the fireworks lit up the sky.
- 5 Ella held onto her hat tightly  
 so that  in case  because  despite  although the wind blew it away.  
A B C D E



## Answers

### Maths

- 1) E 64 cm<sup>2</sup>
- 2) A £2.38
- 3) D 4
- 4) B 7.2
- 5) 4, 108

### English

- 1) A
- 2) B
- 3) D
- 4) A
- 5) B