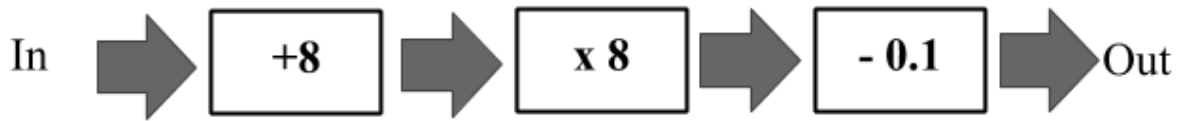


1

Look at the function machine below.



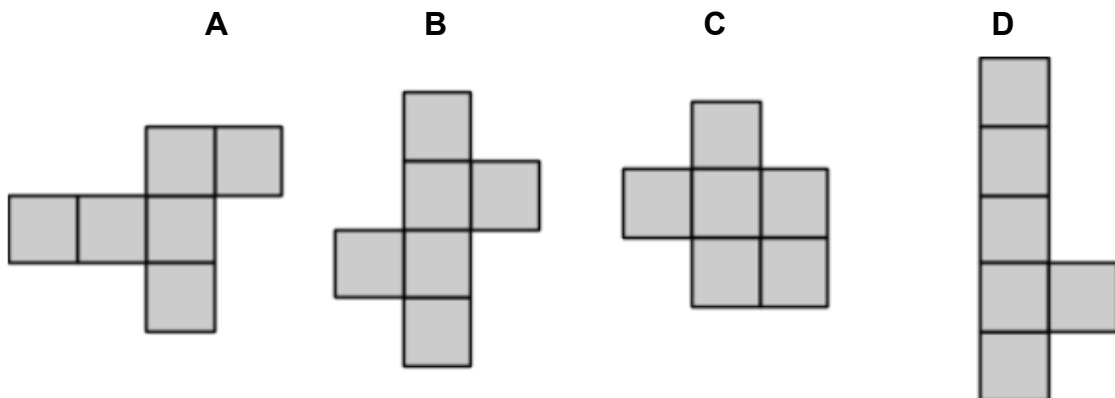
Use this function machine to complete the question below.

**What number would need to be put into the function machine if 87.9 comes out?**

- A 2.9      B 11      C 8      D 710.4      E 3

2

Look at the nets of cubes below.



**Which of the nets above would fold to make a complete cube?**

- A A only      B B only      C B and C      D B and D      E A and B

3

Look at the fractions below.

$$\frac{4}{\square} = \frac{6}{12}$$

What number do you need to write above to make the fractions equivalent?

- A 6      B 8      C 12      D 18      E 3

4

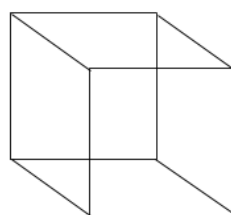
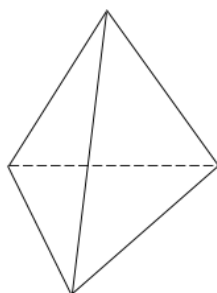
What is 260 hours in days and hours?

- A 9d 20hrs      B 10d 20hrs      C 11d 2 hrs      D 12d 4hrs      E 8d 8hrs

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

5

Look at the **2 three-dimensional** shapes below.



**Complete** the table below. **Write the correct number** in each of the six blank boxes.

Shape	Faces	Vertices	Edges
Triangular Based Pyramid			
Cube			

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

Liam jogged to the edge of the pitch, waiting for the referee

to start    starting    start    starts    to starting the match.

A

B

C

D

E

2

Because    However    Since    If    Although the pupils were excited

A

B

C

D

E

about visiting the museum, they still had to listen carefully to the instructions.

3

Maya handed out slices of cake, making sure everyone received

a    them    many    few    both piece.

A

B

C

D

E

4

Before mixing the chemicals, the teacher reminded the class to wear safety goggles,

which    that    if    unless    so they protected their eyes.

A

B

C

D

E

5

The wind grew stronger, and the tent began to shake as Oliver tried to tie the rope

tightly    tight    tighter    tightest    tighten .

A

B

C

D

E



## Answers

### Maths

- 1) E 3
- 2) E A and B
- 3) B 8
- 4) B 10d 20hrs
- 5) Triangular Based Pyramid 4,4,6      Cube 6, 8, 12

### English

- 1) A
- 2) E
- 3) A
- 4) E
- 5) A