

1

Johnny thinks of a number.

He multiplies it by 4 and then subtracts 12.

Finally, he quarters the answer.

He ends up with 7.

**What number did he start with?**

A 4            B 7            C 10          D 16          E 28

---

2

Noah has been set a problem by his teacher. He must add together all the edges, vertices and faces of a triangular based pyramid.

**What should his answer be?**

A 14            B 12          C 15          D 10          E 18

---

3

Each week Annie saves some of her pocket money to buy a game which costs £10.

Below are the amounts she saved over four weeks.

£1.40            £2.95            £3.45            £0.75

**At the end of the four weeks, how much money does she need to add to her savings to buy the game?**

A £0.45          B £2.45          C £1.55          D £8.55          E £1.45

---

4

Mr. Smith's class collects money for 5 weeks for charity.  
Here are the amounts collected over five weeks.

£3.40      £9.75      £3.65      £8.30      £11.25

**What is the average (mean) amount collected by Mr. Smith's class?**

- A £7.20      B £7.27      C £8.27      D £36.35      E £6.27
- 

For question 5, you must **shade your answers** on the shape provided in the question.

5

Look at the shape below. It has a mirror line running through the horizontal of the shape. **Shade in two more squares on the shape to make the shape symmetrical along the mirror line.**



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 museum guide paused, waiting for the group to gather

beneath    foward    inside    all    on   the next room.  
A                    B                    C                    D                    E

2

Elliot rearranged the chairs so that

somebody    everyone    anybody    few    neither   could see the stage clearly.  
A                    B                    C                    D                    E

3

The teacher gave a quiet cough,

which    who    unless    such    where   reminded the class to focus.  
A                    B                    C                    D                    E

4

Chloe checked the timetable  as    unless    instead    whenever    beyond  
A                    B                    C                    D                    E  
she didn't want to miss the last bus home.

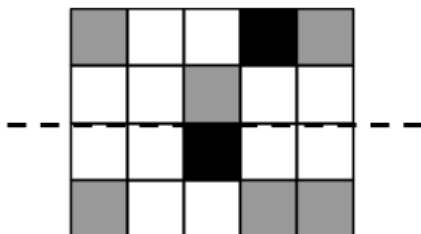
5

The experiment worked perfectly, and the liquid changed colour

more soon    soonest    most soon    soon    sooner   than expected.  
A                    B                    C                    D                    E

**Answers****Maths**

- 1) C 10
- 2) A 14
- 3) E £1.45
- 4) B £7.27



5)

**English**

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