

Daily 5: Day 32

Name: _____

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

$$\div 4$$

$$+ 12$$

$$\times 4$$

$$7 \times 4 = 28$$

$$28 + 12 = 40$$

$$40 \div 4 = 10$$

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



$$\begin{array}{l} \text{Edges} = 6 \\ \text{Vertices} = 4 \\ \text{Faces} = 4 \\ \hline 14 \end{array}$$

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

$$\begin{array}{r} 1.40 \\ 2.95 \\ 3.45 \\ + 0.75 \\ \hline 8.55 \end{array}$$

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

$$\begin{array}{r} 10.00 \\ - 8.55 \\ \hline 1.45 \end{array}$$

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
 1 2 3 4 5

$$\begin{array}{r}
 3.40 \\
 9.75 \\
 3.65 \\
 28.30 \\
 + 112.25 \\
 \hline
 36.35
 \end{array}$$

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

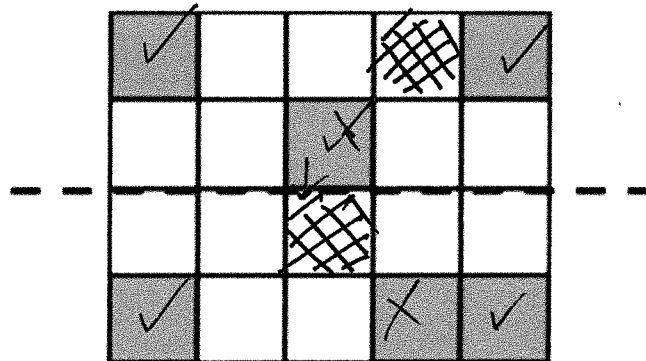
A £7.20 B £7.27 C £8.27 D £36.35 E £6.27

$$\begin{array}{r}
 07.27 \\
 5 \overline{) 36.35} \\
 \underline{35} \\
 13 \\
 \underline{13} \\
 5
 \end{array}$$

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