

1

Steph sees a ruler and felt tips in a shop.  
 The ruler costs £1.27 and the felt tips cost 32p each.  
 She buys two rulers and 5 felt tips.

$$\begin{array}{r}
 1.27 \\
 \times 2 \\
 \hline
 \pounds 2.54
 \end{array}
 \qquad
 \begin{array}{r}
 1.32 \\
 \times 5 \\
 \hline
 \pounds 6.60 \\
 \begin{array}{r}
 2.54 \\
 + 1.60 \\
 \hline
 4.14 \\
 \pounds 5.80 \\
 - 4.14 \\
 \hline
 0.86
 \end{array}
 \end{array}$$

How much change does she get from £5?

- A £2.54    B £3.41    C £4.14    **D £0.86**    E £1.60

2

Jackie has eight cards. On the cards are the numbers from **1-8**.

She picks a card at random from the deck. Look at the statements below.

- 3 • A = She picks a triangular number. 1, 3, 6 **3**
- 4 • B = She picks a prime number. 2, 3, 5, 7 **4**
- 1 • C = She picks a multiple of 5. 5 **1**
- 2 • D = She picks a square number. 1, 4 **2**

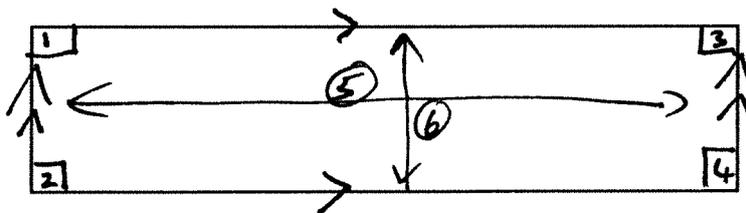
What are the potential outcomes in order from least likely to most likely?

**C D A B**

- A CDAB**    B DBAC    C ACBD    D BACD    E CABD

3

Look at the rectangle below.



How many **sets** of parallel lines and perpendicular lines does the rectangle have altogether?

- A 4    B 5    **C 6**    D 7    E 8

4

Lester is making a cake.

He uses 1 scoop of flour for every 4 scoops of sugar.

How many scoops of flour does he need if he uses 24 scoops of sugar?

A 3

B 4

C 5

D 6

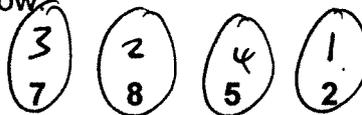
E 7

$$\begin{array}{r} \text{F} \quad \text{S} \\ 1 \quad : \quad 4 \\ \times 6 \quad \times 6 \\ \hline 6 \quad : \quad 24 \end{array}$$

For question 5, you have to **write your answer** in the box provided in the question.

5

Look at the 4 digits below



You can use these digits to make a four-digit number, for example 7852.

Using the digits above what is the number can you generate that is less than 3000 but more than 2860?

2875

2875

