

Maths Problems

Here are 10 more maths problems for you to think about.

They are a bit different this week!

Use a paper and pencil to do your working out and recording.

Work systematically!

The answers will come up when you click - no peeping until you have worked them out!

I hope you enjoy them!

In each calculation, the letters represent digits.

No digit is repeated in any one exercise.

Find the value of each letter.

1.

B 1

B = 5

X

B

2

B

B

Are you sure?

2.

$$\begin{array}{r} C1 \\ \times C \\ \hline 3CC \\ \hline \end{array}$$

$$C = 6$$

Are you sure?

3.

4 A

A = 6

X A

2 7 A

Are you sure?

4.

$$\begin{array}{r} MN \\ X 3 \\ \hline 69 \\ \hline \end{array}$$

$$M = 2$$

$$N = 3$$

Are you sure?

Make sure you have worked out both letters!

5.

$$\begin{array}{cccc} & U & V & W \\ X & & & 6 \\ \hline 1 & 4 & 8 & 2 \\ \hline \end{array}$$

$$U = 2$$

$$V = 4$$

$$W = 7$$

Are you sure?

6.

Are there any other possibilities for P and Q?

Can you find them all?

$$\begin{array}{r} P \\ + \quad Q \\ \hline RR \\ \hline \end{array}$$

$$P = 1$$

$$Q = 9$$

$$R = 2$$

Are you sure?

7.

What could F be?

$$\begin{array}{r} D \\ + E \\ F \\ \hline D \\ \hline F \end{array}$$

$$\begin{array}{l} D = 1 \\ E = 9 \\ F = ? \end{array}$$

Are you sure?

8.

$$\begin{array}{r} J K \\ + K \\ \hline K J \\ \hline \end{array}$$

$$J = 8$$

$$K = 9$$

Are you sure?

9.

$$\begin{array}{r} L G \\ + L \\ \hline G H H \\ \hline \end{array}$$

$$G = 1$$

$$H = 0$$

$$L = 9$$

Are you sure?

10.

$$\begin{array}{r} C D \\ C D \\ C D \\ + C D \\ \hline E C \\ \hline \end{array}$$

$$C = 2$$

$$D = 3$$

$$E = 9$$

Are you sure?

Mathematics is the
music of reason.

James Joseph Sylvester