## puzzle 1

Which option is needed to complete this pattern?

| $\left[\begin{array}{l} \oplus \oplus \Theta \Theta \\ \oplus \oplus \\ \Theta \oplus \oplus \\ \Theta \oplus \oplus \end{array}\right.$ | $\left[\begin{array}{lll} \oplus \oplus & \oplus \\ \oplus & \oplus & \Theta \\ \oplus & \Theta & \oplus \end{array}\right.$ | $\begin{aligned} & \oplus \Theta \Theta \Theta \\ & \oplus \oplus \Theta \\ & \Theta \Theta \Theta \end{aligned}$ | (A) | $\begin{aligned} & \oplus \Theta \Theta \oplus \\ & \Theta \Theta \Theta \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\stackrel{\oplus \oplus}{\oplus \oplus \oplus} \begin{array}{\|c\|c} \oplus \oplus \oplus \\ \oplus \oplus \oplus \\ \oplus & \oplus \end{array}$ | $\left\lvert\, \begin{array}{lll} \oplus \oplus & \oplus \\ \oplus & \Theta & \Theta \\ \oplus & \Theta & \oplus \end{array}\right.$ | $\begin{aligned} & \oplus \oplus \oplus \\ & \oplus \oplus \\ & \oplus \\ & \oplus \\ & \oplus \\ & \oplus \end{aligned}$ | B | $\left[\begin{array}{l} \oplus \oplus \oplus \\ \oplus \oplus \oplus \\ \oplus \oplus \\ \oplus \oplus \end{array}\right.$ |
| $\left[\begin{array}{ll} \Theta \oplus & \oplus \\ \Theta & \Theta \\ \oplus & \Theta \\ \oplus & \Theta \end{array}\right.$ | $\left\lvert\, \begin{gathered} \odot \oplus \oplus \\ \oplus \oplus \Theta \end{gathered}\right.$ <br> $\oplus \oplus \oplus$ |  | C | $\begin{array}{ll} \oplus \oplus \Theta & \oplus \\ \oplus & \ominus \\ \oplus \Theta & \Theta \\ \oplus & \oplus \end{array}$ |

www.mathinenglish.com
puzzle 2
Which number completes this sequence ?


## puzzle 3

What is the missing letter in this puzzle?


## puzzle 4

What is the missing number in this pattern?


| 4 | 18 | 9 |
| :--- | :--- | :--- |


| 6 | 15 | 5 |
| :--- | :--- | :--- |

## Answer to brain teasers

## puzzle 1: A

In each row multiply the 1 st square by the 2 nd to get the 3 rd. + times

+ equals + , - times - equals + , and + times - equals -.
puzzle 2: 84
The sequence follows a $+3, \times 3$ pattern.


## puzzle 3 : T

In each row, multiply the first 2 circles and divide this by the 3rd, to get the letter value.

## puzzle 4 7

Multiply the left and right digit in each row and divide this by 2 to get the middle number.

