

22nd September



Corbettmaths

List the first five prime numbers.

2, 3, 5, 7, 11

List the first five cube numbers.

1, 8, 27, 64, 125

F H M

Which letter has no lines of symmetry?

F

Which letter has order of rotational symmetry 2?

H

Solve $w + 8 = 20$

$$\begin{array}{r} -8 \quad -8 \\ w + 8 = 20 \\ \hline w = 12 \end{array}$$

$$w = 12$$

Solve $2x + 1 = 41$

$$\begin{array}{r} -1 \quad -1 \\ 2x + 1 = 41 \\ \hline 2x = 40 \end{array}$$

$$2x = 40$$

$$x = 20$$

Hannah is recording the number of letters in each word in an article. These are the first ten lengths.

3	4	5	6
2	4	3	7
3	6		

Work out the median.

2 3 3 3 4 4 5 6 6 7

4

Calculate the mean.

$$43 \div 10 = 4.3$$

The 11th word has 4 letters.

Tick the box which describes what affect this will have on the mean.

The mean will decrease

The mean will remain the same

The mean will increase