

Multiplying and Dividing by 3 – CHALLENGE QUESTIONS

1. Numbers that follow each other when you count are called consecutive numbers.

Three consecutive numbers can form a staircase.

Here is 4, 5 and 6



When you add three consecutive numbers, the total can always be divided equally by 3

Is this statement correct?

2. Use the fact that $12 \times 3 = 36$ to work out the calculations.

$$13 \times 3 = \square$$

$$3 \times 15 = \square$$

$$14 \times 3 = \square$$

$$24 \times 3 = \square$$

3. Is it the same?

$$10 \times 2 \times 3$$

$$24 \times 6$$

Is 12×3 the same as....

$$12 \times 3 \times 3$$

$$4 \times 3 \times 6$$