

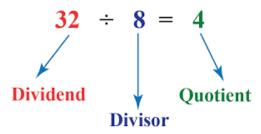
## Year 6, Term 2

# Target: multiply and divide decimal numbers by 10, 100 and 1000

By the end of this half term, children should know and be able to recall the following facts instantly:

#### Key vocabulary

Divisible by means that you can divide one number by another and the answer is a whole number



#### **Examples**

Divisibility Rules! A number is divisible by		
2		if the <u>last</u> digit is <u>even</u> or <u>zero</u> .
3		if the <u>sum</u> of the digits is divisible by <u>three</u> .
4		if the <u>last two</u> digits are divisible by <u>four</u> .
5		if the <u>last</u> digit is <u>zero</u> or <u>five</u> .
6		if the number is divisible by <u>both</u> <u>two</u> and <u>three</u> .
8		if the <u>last three</u> digits are divisible by <u>eight</u> .
9		if the <u>sum</u> of the digits is divisible by <u>nine</u> .
10		if the <u>last</u> digit is <u>zero</u> .

#### **Key questions**

Is the last digit even? (divisible by 2)

What is the sum of the digits?

### **Useful** websites

https://byjus.com/maths/divisibility-rules/

https://www.mathsisfun.com/divisibility-rules.html

https://www.transum.org/software/SW/Starter of the day/Students/Divisibility Test.asp