KIRF: I can multiply and divide a single digit by 10 and 100

This half term, the children will be learning how to multiply and divide a single digit by 10 and 100. The aim is for them to be able to recall these facts instantly.

Year 4—Summer 1

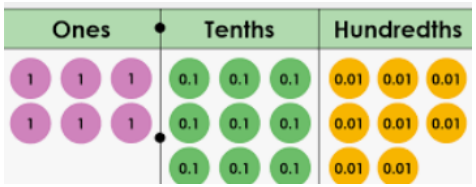
The children should know number bonds to 100. Some of these may include:

60 + 40 = 100	37 + 63 = 100
40 + 60 = 100	63 + 37 = 100
100 – 40 = 60	100 – 63 = 37
100 – 60 = 40	100 – 37 = 63

What can this look like

Concrete

Pictorial



Abstract

0.9= 10 x ☐

2.3x 100 = ☐

Questions

What is 5 **multiplied** by 10?

What is 10 **times** 0.8?

What is 800 **divided by** 100?

Key Vocabulary

25 **add** 75 **equals** 100

55 **plus** 45 is **the same as** 100

100 **take away** 6 equals 94

100 **subtract** 37 makes 63

The **difference between** 91 and 100 is 9

Activity Ideas

Chants- Practice chanting the number bonds.

Everyday Objects- Gather together objects and separate them in s many different ways as possible, write the calculation to match each one.

Make a poster – We use lots of concrete, pictorial and abstract methods in school. Your child could make a poster showing different methods to make the number bonds to 100.

Use your number bonds to 10 – Think about your number bonds to 10 and how they might help you. E.g.4+6=10 therefore 40+60=100

Websites

https://www.topmarks.co.uk/maths-games/hit-the-button