Key Instant Recall Facts
YEAR 4 – Summer 2

I can recall simple equivalent fractions including decimals.

By the end of this half term, children should know the following facts. The aim is for them to recall these facts instantly.

$$\frac{1}{2} = 0.5 \qquad \frac{1}{10} = 0.1 \qquad \frac{1}{100} = 0.01$$

$$\frac{1}{4} = 0.25 \qquad \frac{2}{10} = 0.2 \qquad \frac{7}{100} = 0.07$$

$$\frac{3}{4} = 0.75 \qquad \frac{5}{10} = 0.5 \qquad \frac{21}{100} = 0.21$$

$$\frac{6}{10} = 0.6 \qquad \frac{75}{100} = 0.75$$

$$\frac{9}{10} = 0.9 \qquad \frac{99}{100} = 0.99$$

Key Vocabulary
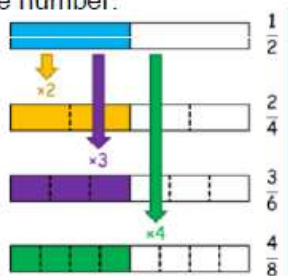
How many **tenths** is 0.8?

How many **hundredths** is 0.12?
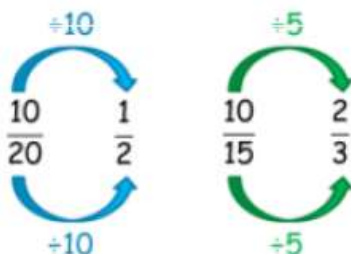
Write 0.75 as a fraction.

Write ¼ as a **decimal**.

You can find equivalent fractions quickly by multiplying the numerator & denominator by the same number.

You can cancel a fraction to its simplest form by dividing the numerator and denominator by the same amount.
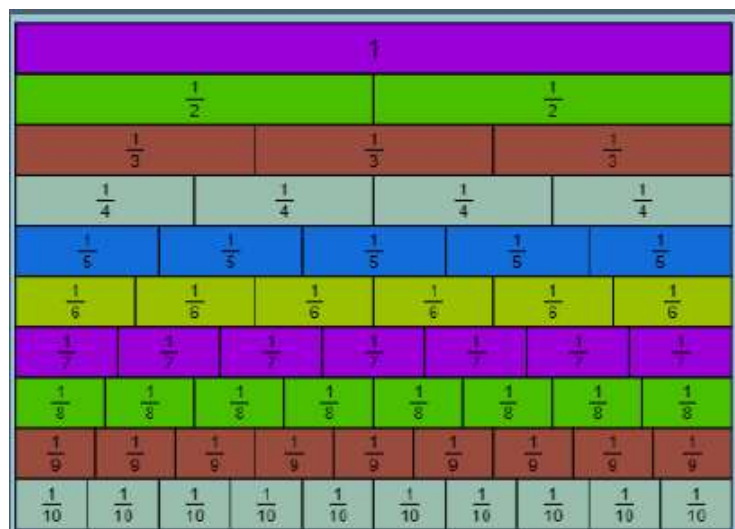

What is an **equivalent fraction** to $\frac{1}{2}$?

Is $\frac{2}{4}$ **equivalent** to $\frac{1}{2}$?

What is an **equivalent fraction** to $\frac{1}{3}$?

What is an **equivalent fraction** to $\frac{1}{5}$?

Things to try

Play games – Make some cards with pairs of equivalent fractions and decimals. Use these to play the memory game or snap. Or make your own dominoes with fractions on one side and decimals on the other.

Websites

https://phet.colorado.edu/sims/html/fractions-equality/latest/fractions-equality_en.html - Games to help understand equivalent fractions