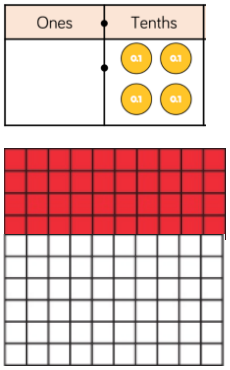
KIRF: I can recognise equivalent fractions and decimals.

Year Five – Spring 1

equivalences instantly.

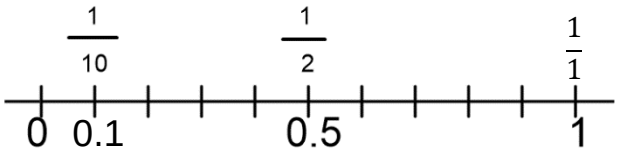
What can this look like?

Concrete:



$0.4 = \frac{4}{10}$

Pictorial:



Abstract:

Fraction	Decimal
$\frac{1}{2}$	0.5
$\frac{1}{4}$	0.25
$\frac{3}{4}$	0.75
$\frac{1}{10}$	0.1
$\frac{2}{10}$	0.2
$\frac{3}{10}$	0.3

Questions to ask at home

How many **tenths** is 0.8?
How many **hundredths** is 0.12?
Write 0.75 as a **fraction**?
Write $\frac{1}{4}$ as a **decimal**?

Key vocabulary

Convert- To change the expression without changing the size or amount.
Decimal number- A number with a decimal point.
Fraction- A fraction represents the equal parts of the whole.
Hundredth- One out of 100 equal parts. The fraction form is $\frac{1}{100}$ and the decimal 0.01
Tenth- One out of 10 equal parts. The fraction form is $\frac{1}{10}$ and the decimal 0.1

Things to try

Dominos- write the fraction and decimal the domino is showing
Bingo- make your own fraction to decimal bingo game
Pairs game- make your own fraction and decimal card matching game

Websites:

https://www.mathplayground.com/ASB_Puppy_Chase_Decimals.html
https://www.transum.org/software/SW/Starter_of_the_day/Students/Pairs.asp?Topic=15
https://mrnussbaum.com/death-to-decimals-and-the-adventures-of-fraction-man-online-game
https://whiterosemaths.com/homelearning/year-5/spring-week-10-number-decimals-and-percentages/