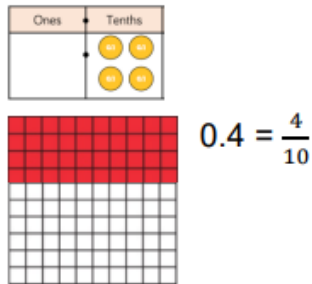


KIRF: I can recognise equivalent fractions and decimals.

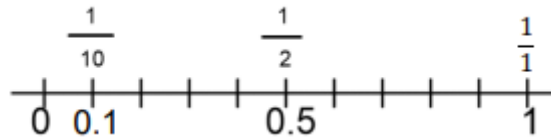
Children should be able to convert between fractions and decimals and recall common decimal and fraction equivalences instantly.

What can this look like

Concrete



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

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

Activity Ideas

Dominoes- 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>

