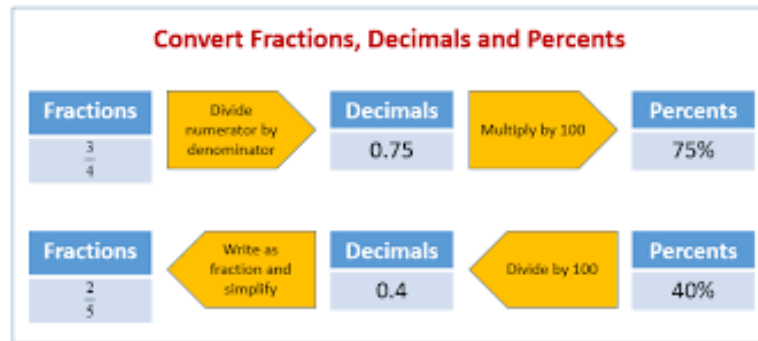


Knowledge Organiser

Year 5 Maths - Decimals, Percentages and Fractions

Key Vocabulary

Decimal
 Percentage
 Fraction
 Decimal
 Convert
 Percent
 Simplify
 Multiply
 Divide
 Equal to
 Compare
 Inverse
 Bar model
 Tenths
 Hundredths
 Thousandths



What do we need to know?

What is a decimal? How do you know?

What is a percentage out of?

How do you convert a fraction into a decimal?

How do you convert a decimal into a percentage?

What does it mean by comparing and ordering? How do you compare and order fractions, decimals and percentages?

How do you round decimals?

Can all fractions be simplified?

How do you simplify fractions?

Going the Extra Mile

- Make a poster explaining how to compare and order fractions, decimals and percentages.
- Become a teacher! Teach a younger sibling, friend or relative how to convert fractions, percentages and decimals. Take pictures of this to share and explain your 'lesson' to the class.
- Create a music video! Taking inspiration from the rounding rap on YouTube, recreate something similar based on rounding decimals to share with the rest of the class.

Websites

Converting fractions, decimals and percentages:

YouTube: Converting between fractions, decimals and percentages by The Maths Man (first video)

Rounding decimals:

YouTube: Rounding Rap by MrAguilarTX (first video)