

And order fractions with the same and related denominators including...

compare and order fractions with the same and related denominators including mixed numerals, applying knowledge of factors and multiples; represent these fractions on a number line

Learning intention

- compare and order fractions with the same and related denominators including mixed numerals, applying knowledge of factors and multiples; represent these fractions on a...

Teach and model

- using pattern blocks to represent equivalent fractions; selecting one block or a combination of blocks to represent one whole, and making a design with shapes...
- creating a fraction wall from paper tape to model and compare a range of different fractions with related denominators; using the model to play fraction wall games
- connecting a fraction wall model and a number line model of fractions to say how they are the same and how they are different; for example, explaining $\frac{1}{4}$ on...

Check understanding

- Explain the main idea in and order fractions with the same and related denominators including... using an example.
- Show the idea in a second way: with words, a model, a diagram or symbols.
- Apply the idea to a short unfamiliar situation and justify the result.

Teaching cautions

- Ask the student to explain their choice, not only state an answer.
- Check that key vocabulary is understood in a new example.
- Mix representations so the skill is transferred rather than copied.

Quick lesson sequence

- Connect to prior knowledge and introduce the key vocabulary.
- Model one clear example, then solve a second example together.
- Finish with an independent check and a short student explanation.