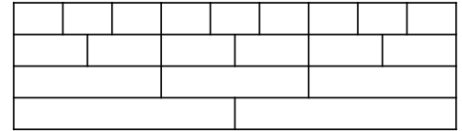


The Journey – Fractions Y6

Discovery

Can you use the fractions bar to find equivalent fractions?



Vocabulary

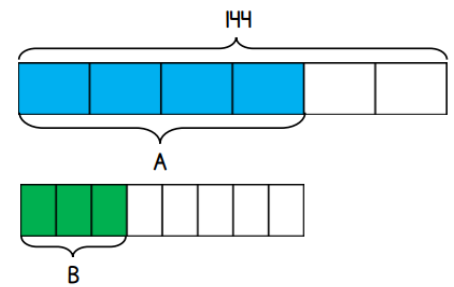
unit fraction, vulgar fraction, improper fraction, mixed number, numerator, denominator, half, halfway between, midpoint, equal, part, whole half, quarter equivalent simplify convert

- Equivalent fractions
- Simplify fractions
- Fractions on a number line
- Compare and order (denominator)
- Compare and order (numerator)
- Add and subtract fractions
- Activity Add and subtract fractions activity (denominators are not multiples)
- Add mixed numbers
- Subtract mixed numbers
- Multi-step fraction problems
- Multiply fractions by integers
- Multiply fractions by fractions
- Divide fractions by integers (1)
- Divide fractions by integers (2)
- Four rules with fractions
- Fraction of an amount
- Fraction of an amount - find the whole

Reasoning and Problem solving

Max says $\frac{30}{50}$ in its simplest form is $\frac{15}{25}$

Is Max correct?



Jenny reads $\frac{1}{4}$ of her book on Monday.

She reads $\frac{1}{3}$ of the book on Tuesday.

On Wednesday she reads the rest of the book.

What fraction of the book did she read on Wednesday?

What is the value of A?

What is the value of B?

Use the digit cards to complete the statements.

5 6 3 4

$$\frac{\square}{4} > \frac{6}{\square} \quad \frac{\square}{4} < \frac{6}{\square}$$

Eva lit a candle while she had a bath.

After her bath, $\frac{2}{5}$ of the candle was left.

It measured 13 cm.

Eva says:



Before my bath the candle measured 33 cm

Is she correct?
Explain your reasoning.

Final Investigations

A circle has an area of $18\frac{1}{6} \text{ cm}^2$.

Max cuts a triangle from the circle.

The triangle has an area of $5\frac{2}{3} \text{ cm}^2$.

What is the area of the circle that is left?

