

Year 5 Block 6 Unit: Fractions B

Key Vocabulary:

numerator	denominator	unit fraction	non-unit fraction
whole	equivalent	mixed number	improper number
simplest form	common denominator	common numerator	

What will I know by the end of this unit?

Multiplying a unit fraction by an integer:

Keep the denominator the same and only multiply the numerator.

$$\frac{1}{8} \times \boxed{11} = \frac{11}{8} = 1 \frac{3}{8}$$

Multiplying a non-unit fraction by an integer:

Keep the denominator the same and only multiply the numerator.

$$\frac{2}{7} \times 3 = \frac{6}{7}$$

Multiply a mixed number by an integer:

I can partition $5 \frac{2}{7}$ into $\boxed{5}$ and $\boxed{\frac{2}{7}}$

$$3 \times \boxed{5} = 15$$

$$3 \times \boxed{\frac{2}{7}} = \frac{6}{7}$$

$$\boxed{15} + \boxed{\frac{6}{7}} = 15 \frac{6}{7}$$

Fraction of an amount:

$$\frac{3}{7} \text{ of } 42 = 18$$

$$42 \div 7 = 6$$

$$6 \times 3 = 18$$

Finding the whole:

$$\frac{4}{9} \text{ of } \underline{\quad} = 16$$

How can you find the whole?

$$16 \div 4 = 4$$

$$4 \times 9 = 36$$