



Year 5	Black 6		Unit: Fractions B			
Key Vocabulary:						
numerator	denominator		unit fraction		non-unit fraction	
whole	equivalent	'n	mixed number		improper number	
simplest for	m common	common denominator		common numerator		

What will I know by the end of this unit?

Multiplying a unit fraction by an integer:

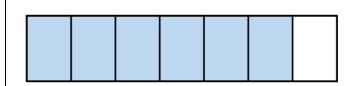
Keep the denominator the same and only multiply the numerator.

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

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 5 and $\frac{2}{7}$



$$3 \times \boxed{5} = 15$$
 $3 \times \boxed{\frac{2}{7}} = \frac{6}{7}$
 $\boxed{15} + \boxed{\frac{6}{7}} = 15\frac{6}{7}$

Fraction of an amount:

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

$$42$$

$$6 \quad 6 \quad 6$$

$$42 \div 7 = 6$$

$$6 \times 3 = 18$$

Finding the whole:

