

# Year 7 Mathematics Learning Journey: Unit 3 - Equality and Equivalence

Step 7: Collecting like terms  
using  $\equiv$  symbol

Find expressions that simplify  
to  $8x + 10y$

Step 6: The meaning of  
equivalence

Write down as many  
expressions as you can  
that are equivalent to  $5p$ .

Step 5: Understand  
like and unlike terms

Why are  $3x$  and  $3x^2$   
unlike terms?

Step 3: Solve one-step  
 $+/-$  equations

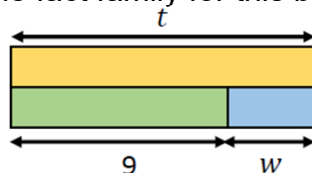
What is the difference  
between an equation and  
an expression?

Step 4: Solve one-step  $\times/\div$   
equations

Solve the equation  $187 = 5c$

Step 2: Understand and use fact  
families

Write the fact family for this bar model



Step 1: Understand equality

Work out the missing numbers  
in these equations.

$$7 + 8 = 10 + ?$$

$$9 + ? = 20 - 6$$

$$12 \times 5 = ? + 50$$

$$? \div 2 = 60 \div 4$$

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