KING EDWARD VI
HANDSWORTH GRAMMAR
SCHOOL FOR BOYS

KING EDWARD VI
ACADEMY TRUST
BIRMINGHAM

Year 7
2025 Mathematics 2026
Unit 3 Booklet

HGS Maths

Tasks

Dr Frost Course

Name: _____

Class: _____

Contents

1 Fractions

1.1 Equivalent Fractions
1.2 Simplifying Fractions
1.3 Improper Fractions and Mixed Numbers
1.4 Adding and Subtracting Fractions
1.5 Multiplying Fractions
1.6 Squaring and Square Rooting Fractions
1.7 Reciprocals
1.8 Dividing Fractions
1.9 Mixed Operations
1.10 Fractions of Amounts
1.11 Increasing or Decreasing by a Fraction
1.12 Reverse Fractions of Amounts

2 Decimals

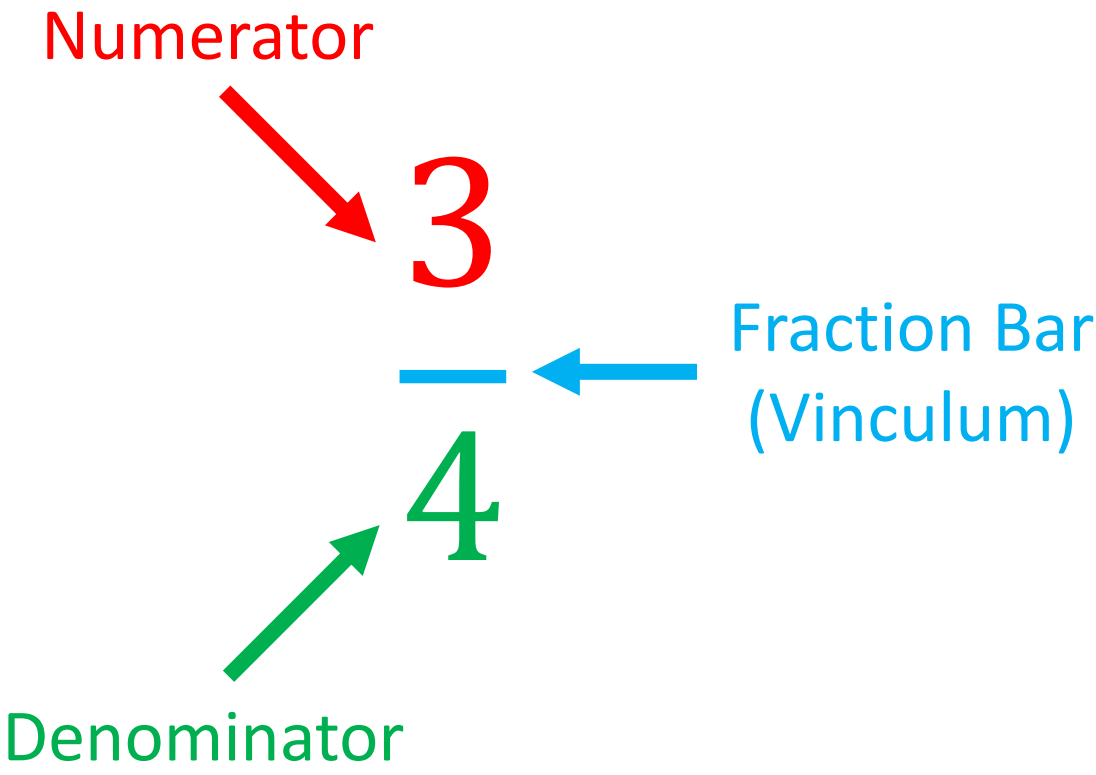
2.1 Adding Decimals
2.2 Subtracting Decimals
2.3 Related Calculations
2.4 Multiplying Decimals
2.5 Dividing Decimals

3 Solving Linear Equations 1

3.1 Terminology
3.2 One Step
3.3 Forming Expressions
3.4 Two Steps
3.5 Fractions

1 Fractions

Notation



1.1 Equivalent Fractions

Worked Example	Your Turn
Multiply these fractions so they have a denominator of 8: a) $\frac{1}{2}$ b) $\frac{3}{4}$ c) $\frac{8}{16}$	Multiply these fractions so they have a denominator of 12: a) $\frac{1}{2}$ b) $\frac{3}{4}$ c) $\frac{9}{36}$

Dr Frost 98a, 98b and 98c

1.2 Simplifying Fractions

Worked Example	Your Turn
Simplify: a) $\frac{6}{20}$ b) $\frac{12}{20}$	Simplify: a) $\frac{6}{18}$ b) $\frac{12}{18}$

Dr Frost 98d and 98e

Worked Example	Your Turn
Simplify these fractions: a) $\frac{0.4}{0.7}$ b) $\frac{0.4}{1.2}$ c) $\frac{0.44}{1}$	Simplify these fractions: a) $\frac{0.5}{0.6}$ b) $\frac{0.6}{2.4}$ c) $\frac{0.36}{2}$

Worked Example	Your Turn
Express 50p as a fraction of £4. Give your answer in its simplest form.	Express 20p as a fraction of £10. Give your answer in its simplest form.

Worked Example	Your Turn
a) There are 12 red counters, in a box with 30 counters in total. Write this proportion as a fraction in its simplest form. b) There are 53 people at a party. 46 of them are adults. What fraction of the people are **not** adults?	a) There are 21 yellow counters, in a box with 36 counters in total. Write this proportion as a fraction in its simplest form. b) There are 49 people at a party. 42 of them are children. What fraction of the people are **not** children?

Dr Frost 98f and 98g

1.3 Improper Fractions and Mixed Numbers

Worked Example	Your Turn
a) Convert $\frac{6}{5}$ into a mixed number. b) Convert $2\frac{1}{3}$ into an improper fraction.	a) Convert $\frac{13}{5}$ into a mixed number. b) Convert $4\frac{1}{3}$ into an improper fraction.

1.4 Adding and Subtracting Fractions

Worked Example	Your Turn
Calculate: a) $\frac{2}{5}+\frac{1}{3}$ b) $\frac{2}{5}-\frac{1}{3}$ c) $1-\frac{1}{3}$	Calculate: a) $\frac{2}{3}+\frac{1}{5}$ b) $\frac{2}{3}-\frac{1}{5}$ c) $1-\frac{1}{5}$

Dr Frost 117a, 117b, 118a and 56f

Fill in the Gaps

Question	With a Common Denominator	Unsimplified Answer	Simplified Answer (where possible)
$\frac{1}{3}+\frac{1}{6}$	$\frac{2}{6}+\frac{1}{6}$	$\frac{3}{6}$	$\frac{\square}{\square}$
$\frac{1}{4}+\frac{2}{3}$	$\frac{3}{12}+\frac{\square}{12}$	$\frac{\square}{12}$	$\frac{\square}{12}$
$\frac{2}{5}+\frac{1}{4}$	$\frac{\square}{20}+\frac{\square}{20}$	$\frac{\square}{20}$	$\frac{\square}{20}$
$\frac{5}{6}-\frac{1}{2}$	$\frac{\square}{6}-\frac{\square}{6}$	$\frac{\square}{6}$	$\frac{\square}{\square}$
$\frac{7}{8}-\frac{2}{3}$	$\frac{21}{\square}-\frac{16}{\square}$	$\frac{\square}{\square}$	$\frac{\square}{\square}$
$\frac{7}{9}-\frac{3}{4}$	$\frac{\square}{\square}-\frac{\square}{\square}$	$\frac{\square}{\square}$	$\frac{\square}{\square}$
$\frac{\square}{\square}+\frac{\square}{\square}$	$\frac{\square}{35}+\frac{14}{35}$	$\frac{24}{35}$	$\frac{24}{35}$
$\frac{\square}{\square}-\frac{\square}{\square}$	$\frac{\square}{\square}-\frac{5}{\square}$	$\frac{6}{20}$	$\frac{\square}{\square}$
$\frac{\square}{\square}+\frac{\square}{\square}$	$\frac{\square}{\square}+\frac{7}{24}$	$\frac{\square}{\square}$	$\frac{2}{3}$
$\frac{13}{15}-\frac{\square}{\square}$	$\frac{26}{\square}-\frac{\square}{\square}$	$\frac{\square}{\square}$	$\frac{7}{10}$
$\frac{3}{10}+\frac{\square}{\square}+\frac{\square}{\square}$	$\frac{\square}{\square}+\frac{5}{20}+\frac{\square}{\square}$	$\frac{\square}{\square}$	$\frac{9}{10}$
$\frac{\square}{\square}+\frac{\square}{\square}-\frac{\square}{\square}$	$\frac{5}{\square}+\frac{\square}{\square}-\frac{8}{\square}$	$\frac{\square}{36}$	$\frac{2}{3}$

Worked Example	Your Turn
Raphaël and Laure bought an extra large pizza between them. Raphaël eats $\frac{5}{9}$ of the pizza. Laure eats $\frac{1}{6}$ of the pizza. Calculate how much of the pizza is left.	A basic cookie dough mix requires butter, sugar and flour. $\frac{3}{8}$ of the mix is butter. $\frac{2}{7}$ of the mix is sugar. Calculate how much of the mix is flour.

Worked Example	Your Turn
Calculate: a) $2\frac{1}{2}+3\frac{2}{5}$ b) $2\frac{1}{2}-1\frac{2}{5}$	Calculate: a) $2\frac{1}{3}+3\frac{2}{5}$ b) $2\frac{1}{3}-1\frac{2}{5}$

Dr Frost 118b, 118c, 118d, 118e and 118f

Fill in the Gaps

Question	Write as Improper Fractions	Convert to Common Denominator	Answer as Improper Fraction	Answer as Mixed Number
$1\frac{1}{3}+2\frac{1}{2}$	$\frac{4}{3}+\frac{5}{2}$	$\frac{8}{6}+\frac{15}{6}$	$\frac{23}{6}$	
$3\frac{2}{3}+1\frac{1}{4}$	$\frac{11}{3}+\frac{5}{4}$	$\frac{44}{12}+\frac{15}{12}$		
$4\frac{1}{2}-3\frac{2}{5}$	$\frac{9}{2}-\frac{17}{5}$	$\frac{\square}{10}-\frac{\square}{10}$		
$2\frac{3}{4}+1\frac{5}{6}$	$\frac{11}{4}+\frac{11}{6}$			
$5\frac{1}{3}-3\frac{2}{5}$				
$4\frac{3}{4}-2\frac{5}{7}$				
$2\frac{8}{9}+3\frac{3}{5}$				
$2\frac{13}{20}-\frac{7}{8}$				
	$\frac{7}{4}+\frac{12}{5}$			
	$\frac{\square}{9}-\frac{\square}{4}$	$\frac{100}{36}-\frac{45}{36}$		
	$\frac{3}{2}+\frac{\square}{\square}$		$\frac{29}{10}$	
$\square\frac{\square}{\square}-2\frac{1}{6}$				$3\frac{7}{30}$

1.5 Multiplying Fractions

Worked Example	Your Turn
Calculate: a) $\frac{2}{3} \times \frac{1}{6}$ b) $2 \times \frac{1}{6}$	Calculate: a) $\frac{2}{3} \times \frac{5}{6}$ b) $\frac{5}{6} \times 2$

Dr Frost 165a and 119a

Worked Example	Your Turn
Calculate: a) $1\frac{1}{3} \times 4\frac{2}{5}$ b) $1\frac{1}{3} \times 2$	Calculate: a) $4\frac{1}{3} \times 1\frac{2}{5}$ b) $3 \times 1\frac{2}{5}$

Dr Frost 167a and 119b

Fill in the Gaps

Question	Write as Improper Fractions	Multiply Numerators/ Denominators	Simplify (where possible)	Answer as Mixed Number
$1\frac{2}{3} \times 1\frac{1}{2}$	$\frac{5}{3} \times \frac{3}{2}$	$\frac{15}{6}$	$\frac{5}{2}$	
$2\frac{2}{5} \times 1\frac{1}{3}$	$\frac{12}{5} \times \frac{4}{3}$	$\frac{48}{15}$		
$3\frac{1}{2} \times 3\frac{1}{3}$	$\frac{7}{2} \times \frac{10}{3}$			
$1\frac{3}{4} \times 2\frac{5}{7}$				
$2\frac{4}{5} \times \frac{6}{7}$				
$2\frac{3}{10} \times 2\frac{2}{9}$				
$5\frac{2}{3} \times 1\frac{3}{4}$				
$3\frac{7}{10} \times 1\frac{3}{7}$				
$5\frac{1}{2} \times 2\frac{3}{4}$				
	$\frac{9}{5} \times \frac{10}{3}$			
	$\frac{\square}{\square} \times \frac{5}{3}$	$\frac{75}{12}$		
$\square\frac{\square}{\square} \times 2\frac{2}{5}$		$\frac{132}{20}$		

Worked Example	Your Turn
Calculate: a) $\frac{2}{5} \times \frac{25}{18}$ b) $4\frac{1}{5} \times 5\frac{5}{7}$	Calculate: a) $\frac{2}{5} \times \frac{25}{16}$ b) $4\frac{1}{5} \times 6\frac{3}{7}$

Worked Example	Your Turn
$\frac{9}{10}$ of the students in a class are female. $\frac{2}{5}$ of the female students play chess. Calculate the fraction of the class who are female chess players. Give your answer in its simplest form.	$\frac{3}{7}$ of a tennis club are men. $\frac{6}{11}$ of the men in the club are right-handed. Calculate the fraction of the club who are right-handed men. Give your answer in its simplest form.

Worked Example	Your Turn
Viraj has 4 cats. Each cat eats $\frac{6}{11}$ of a tin of cat food a day. He buys 13 tins of cat food. Determine whether he has bought enough to feed his 4 cats for 5 days.	Mia has 3 cats. Each cat eats $\frac{9}{10}$ of a tin of cat food a day. They buy 15 tins of cat food. Determine whether they have bought enough to feed their 3 cats for 5 days.

1.6 Squaring and Square Rooting Fractions

Worked Example	Your Turn
Calculate: a) $\left(\frac{5}{8}\right)^2$ b) $\sqrt{\frac{16}{81}}$ c) $\left(-\frac{4}{5}\right)^2$	Calculate: a) $\left(\frac{3}{7}\right)^2$ b) $\sqrt{\frac{49}{81}}$ c) $\left(-\frac{2}{3}\right)^3$

1.7 Reciprocals

Worked Example	Your Turn
Write the reciprocals of: a) 6 b) $\frac{1}{6}$ c) $\frac{5}{6}$ d) $1\frac{5}{6}$ e) 1.2	Write the reciprocals of: a) 7 b) $\frac{1}{7}$ c) $\frac{2}{7}$ d) $1\frac{2}{7}$ e) 3.5

Dr Frost 159b, 159c, 159d, 159e and 159f

1.8 Dividing Fractions

Worked Example	Your Turn
Calculate: a) $\frac{1}{5} \div \frac{1}{3}$ b) $\frac{6}{5} \div \frac{2}{3}$ c) $\frac{1}{5} \div 2$ d) $2 \div \frac{1}{5}$	Calculate: a) $\frac{1}{5} \div \frac{2}{3}$ b) $\frac{1}{5} \div \frac{10}{3}$ c) $\frac{2}{5} \div 2$ d) $2 \div \frac{2}{5}$

Dr Frost 166a, 166b, 166e, 168b, 121a and 166c

Fill in the Gaps

Division	Equivalent Multiplication	Unsimplified Answer	Simplified Answer (where possible)
$\frac{2}{3} \div 6$	$\frac{2}{3} \times \frac{1}{6}$	$\frac{2}{18}$	$\frac{\square}{\square}$
$\frac{2}{5} \div 4$	$\frac{2}{5} \times \frac{1}{4}$	$\frac{\square}{\square}$	$\frac{\square}{\square}$
$\frac{5}{8} \div 10$	$\frac{\square}{\square} \times \frac{\square}{\square}$	$\frac{\square}{\square}$	$\frac{\square}{\square}$
$\frac{7}{10} \div \frac{3}{4}$	$\frac{7}{10} \times \frac{4}{3}$	$\frac{\square}{\square}$	$\frac{\square}{\square}$
$\frac{6}{11} \div \frac{2}{3}$	$\frac{\square}{\square} \times \frac{\square}{\square}$	$\frac{\square}{\square}$	$\frac{\square}{\square}$
$\frac{1}{10} \div \frac{4}{5}$	$\frac{\square}{\square} \times \frac{\square}{\square}$	$\frac{\square}{\square}$	$\frac{\square}{\square}$
$\frac{11}{16} \div \frac{3}{4}$	$\frac{\square}{\square} \times \frac{\square}{\square}$	$\frac{\square}{\square}$	$\frac{\square}{\square}$
$\frac{\square}{\square} \div \frac{\square}{\square}$	$\frac{2}{9} \times \frac{6}{5}$	$\frac{\square}{\square}$	$\frac{\square}{\square}$
$\frac{\square}{\square} \div \frac{\square}{\square}$	$\frac{3}{8} \times \frac{\square}{\square}$	$\frac{12}{24}$	$\frac{\square}{\square}$
$\frac{\square}{\square} \div \frac{2}{5}$	$\frac{\square}{\square} \times \frac{\square}{\square}$	$\frac{15}{20}$	$\frac{\square}{\square}$
$\frac{\square}{\square} \div \frac{\square}{\square}$	$\frac{5}{12} \times \frac{\square}{\square}$	$\frac{10}{12}$	$\frac{\square}{\square}$
$\frac{\square}{\square} \div \square$	$\frac{\square}{\square} \times \frac{1}{3}$	$\frac{\square}{\square}$	$\frac{3}{10}$

Worked Example	Your Turn
Calculate: a) $2\frac{2}{3} \div \frac{1}{5}$ b) $2\frac{2}{3} \div 5$	Calculate: a) $2\frac{2}{3} \div \frac{2}{5}$ b) $2 \div 2\frac{2}{3}$

Dr Frost 168c, 168d, 121b

Fill in the Gaps

Question	Write as Improper Fractions	Write as a Multiplication	Multiply and Simplify (where possible)	Answer as Mixed Number
$2\frac{2}{3} \div 1\frac{1}{2}$	$\frac{8}{3} \div \frac{3}{2}$	$\frac{8}{3} \times \frac{2}{3}$	$\frac{16}{9}$	
$5\frac{1}{2} \div 1\frac{3}{4}$	$\frac{11}{2} \div \frac{7}{4}$	$\frac{11}{2} \times \frac{4}{7}$	$\frac{44}{14} = \frac{\square}{\square}$	
$4\frac{3}{5} \div 2\frac{2}{3}$	$\frac{23}{5} \div \frac{8}{3}$	$\frac{23}{5} \times \frac{3}{8}$		
$7\frac{2}{3} \div 1\frac{1}{6}$	$\frac{23}{3} \div \frac{7}{6}$			
$3\frac{7}{8} \div \frac{3}{4}$				
$1\frac{4}{5} \div 2\frac{2}{3}$				
$4\frac{1}{6} \div 1\frac{5}{12}$				
$3\frac{3}{10} \div 1\frac{4}{5}$				
$5\frac{1}{2} \div 3\frac{2}{3}$				
	$\frac{19}{6} \div \frac{7}{5}$			
		$\frac{23}{9} \times \frac{3}{7}$		
$4\frac{1}{2} \div \frac{\square}{\square}$				$1\frac{7}{20}$

Worked Example	Your Turn
Meriem has $3\frac{3}{5}$ tins of cat food. Each day their cat eats $\frac{9}{10}$ of a tin of food. Find how many days until the food runs out.	Lucas has $2\frac{2}{3}$ boxes of fish food. Each week his fish eats $\frac{1}{6}$ of a box of food. Find how many weeks until the food runs out.

1.9 Mixed Operations

Worked Example	Your Turn
a) Calculate $\frac{5}{7}+\frac{5}{3}\times\frac{3}{2}$ Give your answer as an improper fraction in its simplest form. b) Evaluate $\frac{1}{2}\left(2\frac{1}{3}+\frac{4}{5}\right)$ Give your answer as a mixed number in its simplest form.	a) Calculate $\frac{3}{4}-\frac{3}{2}\times\frac{2}{5}$ Give your answer in its simplest form. b) Evaluate $\frac{1}{2}(1\frac{5}{7}-\frac{3}{5})$ Give your answer in its simplest form.

Dr Frost 166d and 167b

Worked Example	Your Turn
a) Calculate $\frac{\frac{2}{3}+\frac{11}{15}}{\frac{5}{9}}$ Give your answer as an improper fraction in its simplest form.	a) Calculate $\frac{\frac{4}{15}}{\frac{2}{5}+\frac{9}{10}}$ Give your answer as an improper fraction in its simplest form.
b) Calculate $\frac{\frac{2}{5}\times\frac{1}{3}}{\frac{3}{10}}$ Give your answer in its simplest form.	b) Calculate $\frac{\frac{7}{10}\times\frac{2}{3}}{\frac{7}{9}}$ Give your answer in its simplest form.

Dr Frost 166f and 166g

1.10 Fractions of Amounts

Worked Example	Your Turn
Calculate: a) $\frac{1}{4}$ of 24 b) $\frac{7}{4}$ of 24	Calculate: a) $\frac{1}{3}$ of 24 b) $\frac{5}{3}$ of 24

Dr Frost 57a, 57b, 57c, 57d and 57e

1.11 Increasing or Decreasing by a Fraction

Worked Example	Your Turn
a) Increase 60 by $\frac{1}{5}$	a) Increase 60 by $\frac{4}{5}$
b) Decrease 100 by $\frac{1}{5}$	b) Decrease 200 by $\frac{3}{5}$

Dr Frost 169a and 169b

1.12 Reverse Fractions of Amounts

Worked Example	Your Turn
Find the value of x: a) $\frac{1}{5}$ of x is 12 b) $\frac{6}{5}$ of x is 12	Find the value of x: a) $\frac{1}{4}$ of x is 15 b) $\frac{5}{4}$ of x is 15

Worked Example	Your Turn
a) $\frac{2}{3}$ of an amount is 28 What is the total amount? b) $\frac{4}{3}$ of an amount is 28 What is the total amount?	a) $\frac{4}{5}$ of an amount is 28 What is the total amount? b) $\frac{7}{3}$ of an amount is 28 What is the total amount?

Worked Example	Your Turn
One ninth of a number is 40. What is one quarter of the original?	One eighth of a number is 30. What is one fifth of the original?

Worked Example	Your Turn
a) The price of a jacket is decreased by $\frac{1}{7}$. The new price is £48.00. Work out the original price.	a) The price of a pair of shoes is decreased by $\frac{2}{7}$. The new price is £45.00. Work out the original price.
b) The price of a laptop is increased by $\frac{3}{7}$. The new price is £980.00. Work out the original price.	b) The price of a television is increased by $\frac{1}{4}$. The new price is £390.00. Work out the original price.

2 Decimals

2.1 Adding Decimals

Worked Example	Your Turn
Work out: $481.4 + 35.23$	Work out: $369.5 + 47.68$

Dr Frost 74a and 74b

2.2 Subtracting Decimals

Worked Example	Your Turn
Work out: $184.3 - 40.66$	Work out: $145.2 - 43.46$

Dr Frost 74c, 74d and 74e

Worked Example	Your Turn
Work out: $4.707 - 1.175 + 32.48$	Work out: $239.6 + 0.978 - 196.9$

2.3 Related Calculations

Worked Example	Your Turn
$93 \times 76 = 7068$ a) Calculate 9.3×7.6 b) Calculate 0.93×7.6	$26 \times 89 = 2314$ a) Calculate 2.6×89 b) Calculate 2.6×0.89

Worked Example	Your Turn
a) Given that $72 \div 6 = 12$ Work out $7.2 \div 6$ b) Given that $23 \times 19 = 437$ Work out $437 \div 0.23$	a) Given that $82 \div 41 = 2$ Work out $82 \div 0.41$ b) Given that $19 \times 29 = 551$ Work out $55.1 \div 19$

2.4 Multiplying Decimals

Worked Example	Your Turn
Work out 50.6×0.001	Work out 33.9×0.0001

Worked Example	Your Turn
Work out: a) 2.724×4 b) 386.6×2.09	Work out: a) 1.745×7 b) 379.6×4.23

Dr Frost 122a, 123d and 123e

2.5 Dividing Decimals

Worked Example	Your Turn
Work out: a) $50.6 \div 0.001$ b) $0.9 \div 0.003$	Work out: a) $33.9 \div 0.0001$ b) $0.06 \div 0.002$

Dr Frost 125d, 125e, 125f, 125g and 125h

Worked Example	Your Turn
Work out: $1246.24 \div 8$	Work out: $1197.21 \div 7$

Dr Frost 124a and 124b

3 Solving Linear Equations

3.1 Terminology

- An **expression** is a collection of letters and numbers with no equals sign, for example $3x + 1$

- An **equation** contains an equals sign and an unknown letter to be solved, for example $3x + 1 = 10$

- A **formula** is a relationship between two or more letters, and it contains an equals sign, for example $A = bh$

- An **identity** is an equation that is always true, no matter what values are substituted, for example $2x + 3x = 5x$ (use $\equiv$)

Worked Example	Your Turn
a) Write down the value of the constant in the expression $4b + 3y + 2c + 22$ b) Determine whether $V = \frac{lwh}{3}$ is an equation, an expression or a formula.	a) Write down the number of terms in the expression $6z + 3x + 3b + 6$ b) Determine whether $4a + 7a^2 = 5$ is an equation, an expression or a formula.

3.2 One Step

Worked Example	Your Turn
Solve the following equations: a) $x + 3.2 = 8.1$ b) $3.2 + x = 8.1$ c) $8.1 = x + 3.2$	Solve the following equations: a) $x + 6.5 = 11.1$ b) $6.5 + x = 12.1$ c) $11.1 = 7.5 + x$

Worked Example	Your Turn
Solve the following equations: a) $x - 3.9 = 8.7$ b) $3.9 - x = 8.7$	Solve the following equations: a) $x - 6.6 = 11.2$ b) $6.6 - x = 11.2$

Dr Frost 199b and 199k

Worked Example	Your Turn
Solve the following equations: a) $2.3x = 12.88$ b) $\frac{x}{2.1} = 8.5$	Solve the following equations: a) $3.1x = 19.22$ b) $\frac{x}{6.4} = 4.2$

3.3 Forming Expressions

Forming Expressions

Form the following expressions starting from x:

$4x - 5$	
$5 - 4x$	
$\frac{x}{4} - 5$	
$\frac{x - 5}{4}$	
$4(x - 5)$	

3.4 Two Steps

Worked Example	Your Turn
Solve the following equations: a) $4x - 17 = 43$ b) $17 + 4x = 43$	Solve the following equations: a) $6x - 27 = 53$ b) $27 + 6x = 43$

Dr Frost 199d, 199f and 199h

Worked Example	Your Turn
Solve the following equations: a) $17 - 4x = 43$ b) $-17 - 4x = 43$	Solve the following equations: a) $27 - 6x = 53$ b) $-27 - 6x = 53$

3.5 Fractions

Worked Example	Your Turn
Solve the following equations: a) $\frac{x}{3} + 12 = 49$ b) $\frac{x+12}{3} = 49$	Solve the following equations: a) $\frac{x-12}{6} = 49$ b) $\frac{x}{6} - 12 = 49$

Worked Example	Your Turn
Solve the following equations: a) $\frac{1}{6}x - 4 = 5$ b) $\frac{1}{3}x + 4 = 2$ c) $8 - \frac{1}{2}x = 7$	Solve the following equations: a) $\frac{1}{4}x - 2 = 10$ b) $\frac{1}{4}x + 12 = 5$ c) $9 - \frac{1}{3}x = 6$

Dr Frost 199e, 199g and 199m

Worked Example	Your Turn
Solve the following equations: a) $\frac{2x}{3} + 12 = 49$ b) $\frac{2x+12}{3} = 49$	Solve the following equations: a) $\frac{5x-12}{6} = 49$ b) $\frac{5x}{6} - 12 = 49$

Dr Frost 258a and 258c