November 24, 2015



Today we will be learning to solve equations with fractions.



Equations with Fractions



 Daily Practice
 5.10.2015

 QI. Calculate the volume of the cylinder shown. Round your answer to

 2 significant figures

Q2. Write 0.000817 in scientific notation

Q3. Find the value of a house that was bought for $\pm 63~000$ and appreciated in value by 5% per year for 4 years.

Q4. $2\frac{1}{6} \times \frac{1}{8}$

Equations with Fractions

Given an equation with a fraction in it, always try to get rid of the fraction first by multiplying both sides by the denominator of the fraction.

If there are 2 fractions, multiply both sides by the common denominator (LCM of both denominaors) of both fractions.

Today we will be continuing to solve equations with fractions.

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330×(1.3)3 = 725.01mL

Today we will be learning how to use algebra to create expressions for questions in context.





Problem Solving with Equation	75
Examples:	EquationsProblems.pdf
3. A new fraction is obtained b of the fraction $\frac{17}{24}$.	y adding x to the numerator and denominator
This new fraction is equivalent	ent to $\frac{2}{3}$.
Calculate the value of x .	

Today we will be continuing to work out problem solving questions.

Examples:

crisps than Andy.

November 24, 2015



Today we will be learning how to solve inequalities.

Homework Online due Monday 26.10.15

Inequalities	21.10.15	Inequalities
From left to right:		Write expressions for the following:
< means less than		y is greater than -15 y>-15
> means greater than		k is greater than or equal to 0 $k \ge 0$
\leq means less than one		p is greater than -1 and is less than or equal to 4 $-1 \leq p \leq 4$
≥ menograter bun		j lies between -3 and 5 but isn't 3 or 5 -34j45

Solving Inequalities

Solving inequalities follows the same process as solving equations.









Today we will be completing marking the inequality questions and doing a check-up on inequalities.



Equations4.pdf

EquationsProblems.pdf