

Bronze Topic

Basic Equations

Week 3

Lesson Time: 20 - 25 Minutes **Course**: Foundation or Higher

Grade: 4/5

Back to Basics

Core

Let's Do It!

GCSE Revision Video 11

Prior Checklist: A pack of A5/A6 revision cards.

A pen.

Our Video Structure:

Back to Basics: Quick re-cap.

Core: Create your own revision cards with exam style

questions.

Let's Do It!: Apply your revision cards to another set

of exam style questions.

Instructions: Print out this worksheet and watch the revision video simultaneously.

'Pause and Play' the video unlimited times to review your work and write the answers in the blank spaces.

Once you have written your answers, check these with the tutorial answers, as explained in the video.

Create your OWN revision cards when prompted on the worksheet(Back to Basic and Core sections).

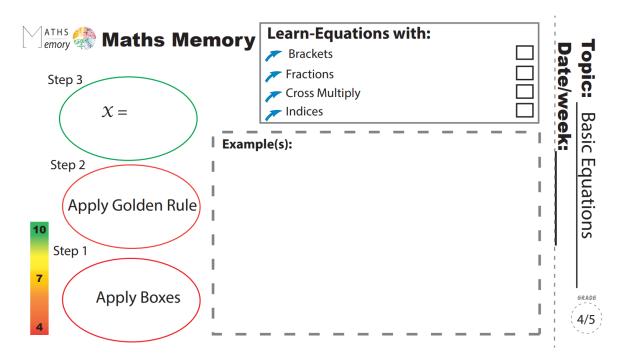
Apply your OWN revision cards when prompted on the worksheet (Let's Do It! sections).

Self Assess yourself (Out of 10) on your revision planner after you have completed the revision video .

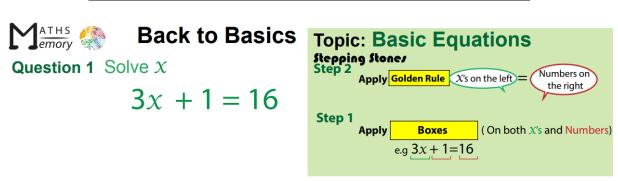
WATCH this revision video and MANY others on our FULL courses at **WWW.mathsmemory.co.uk**



Let's get started and create our Master revision card with this suggested template.



Back to Basics- Starter questions to warm you up





Back to Basics Topic: Basic Equations

Question 2

Solve *x*
$$15 = 4x + 7$$





Back to Basics Topic: Basic Equations

Question 3

Solve
$$\boldsymbol{\mathcal{X}}$$

$$\frac{x}{5} = 6$$



Back to Basics Topic: Basic Equations

Question 4

Solve
$$X$$

Solve
$$x = 3$$



Back to Basics Topic: Basic Equations

Question 5

Solve
$$x$$

Solve
$$x = 25$$



Core- Create your revision cards with these exam style questions



Core 1

Topic: Basic Equations

Question 1

a) Solve x

6x + 2 = 4x + 10





Core 1

Topic: Basic Equations

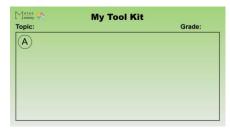
Question 1

b) Solve χ

3(2x - 4) = 18



Let's get our revision card and create Section A. Look at video for guidance





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Core 2 Topic: Basic Equations

Question 2 Solve X

$$(a)\frac{x}{3} + 2 = 6$$



Let's get our revision card and create Section B. Look at video for guidance





Core 2 **Topic: Basic Equations**

Question 2 Solve X

b)
$$\frac{2x-4}{5} = 2$$





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Let's get our revision card and create Section C. Look at video for guidance





Core 3 Topic: Basic Equations

Question 3

a) Solve \boldsymbol{x}

$$3(x + 1) = x - 2$$





Core 3 Topic: Basic Equations

Question 3

b) Solve X

$$2x^2 = 50$$





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Let's get our revision card and create Section D. Look at video for guidance





Challenge

Topic: Basic Equations

Question 4 Solve χ

a)
$$11 = \frac{4x^2}{3} + 8$$





Challenge Topic: Basic Equations

Question 4

b) Solve
$$X$$

$$\frac{5x-2}{3} = \frac{2x-1}{4}$$

Grade (3 Marks)



Let's Do It!- Apply your revision cards to another set of exam style questions

ATHS emory

Let's Do It! Topic: Basic Equations

Question 1

a) Solve X

$$5x - 3 = 2x + 9$$

b) Solve x

$$3(2x - 1) = 9$$





Let's Do It! Topic: Basic Equations

Question 2

a) Solve x

$$\frac{2x}{4} + 1 = 9$$

b) Solve X

$$11 = 5 - 2x$$







Let's Do It! Topic: Basic Equations

Question 3

a) Solve x

$$25 = 3x^2 - 2$$

b) Solve X

$$6(x-3) = 2(x-1)$$





Let's Do It! Topic: Basic Equations

Question 4

a) Solve x

$$\frac{4x-2}{3} = \frac{6x}{4}$$

b) Solve x

$$\frac{1}{2}(2x-3) = 2x-1$$

Grade **5** (4 Marks)

Congratulations. You have completed this topic.

Now go back to your revision planner and rate yourself out of 10.

