GCSE Revision Video 16

- **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.

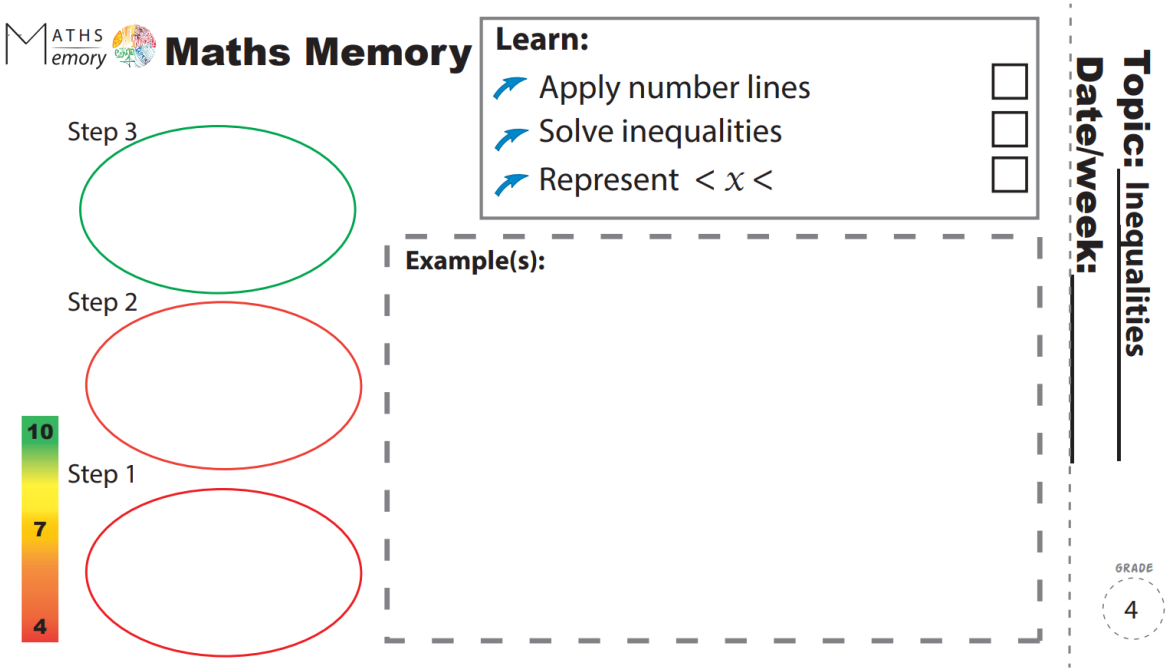
Create your OWN revison cards when prompted on the worksheet(Back to Basic and Core sections).

Apply your OWN revision cards (Let's Do It! section).

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: Inequalities

Question 1

What do these symbols mean?

a) >

b) <

c) ≥

d) ≤

Core- Create your revision cards with these exam style questions

Core 1 Topic: Inequalities

Question 1

On number lines below, show the set of values of x for which

a) $x > 2$

b) $-3 < x \leq 4$

c) $-4 \leq x - 2 < 2$

Grade 4 (7 Marks)

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

Core 2 Topic: Inequalities

Question 2

a) Solve $3n - 5 > 22$

b) Solve $9n \leq 3n + 12$

c) Solve $7n - 2 \geq 4n + 7$

Grade 4 (6 Marks)

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

MATHS memory

Challenge

Topic: Inequalities

Question 3

a) Solve $3(2n-1) \leq 4n-2$

b) Solve $4n > 9n+25$

c) Find all integer values of n such that : $3 < 2n+2 \leq 6$

Grade 4 (6 Marks)

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

MATHS memory

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

MATHS memory

Let's Do It! **Topic: Inequalities**

Question 1

a) Solve $3x + 4 \leq x + 8$

b) Find all integer values of x such that

$$-3 \leq x < -2 < 1$$

and represent this on a number line.

Grade 4 (4 Marks)

MATHS memory

Let's Do It! **Topic: Inequalities**

Question 2

a) Find all integer values of n such that

$$-6 < 2n - 4 \leq 2$$

and represent this on a number line.

b) Solve $4n - 2 \geq n + 7$

Grade 4 (4 Marks)

Congratulations. You have completed this topic.

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