Inequality Regions

Silver Topic

Week 11

Lesson Time : 20 - 25 Minutes
Course : Higher
Grade : 6

Back to Basics	Core	Let's Do It!

GCSE Revision Video 51

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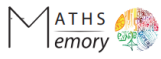
Create your OWN revision cards when prompted on the worksheet (Back to Basic and Core sections).

Apply your OWN revision cards (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.

MATHS Memory · **Maths Memory**

Learn:

↗ Plot 3 types of Equations ☐

↗ Double 'Zero' Method ☐

Step 3

Step 2

10

Step 1

7

4

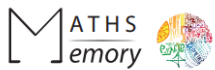**Example(s):**

Back to Basics - Starter questions to warm you up

MATHS Memory

Back to Basics

Topic: Inequality Regions
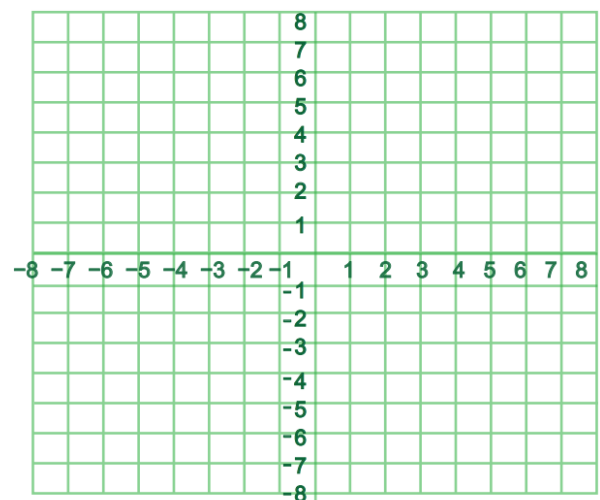
Question 1

Plot these lines on the grid

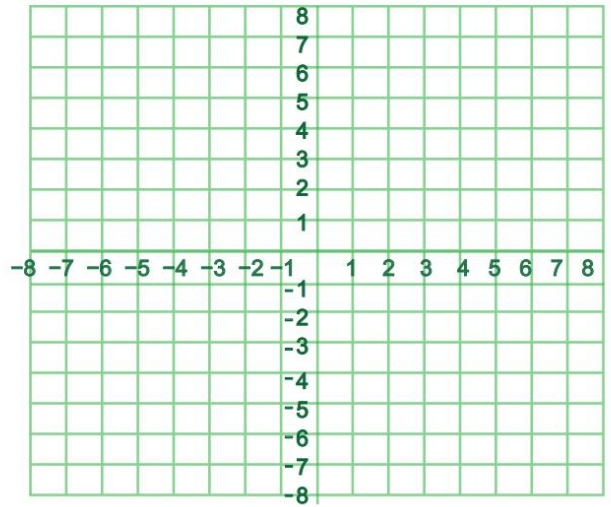a) $y = x$

b) $y = -x$

c) $x = 2$

d) $y = -3$

Question 2

Plot these equations on the grid

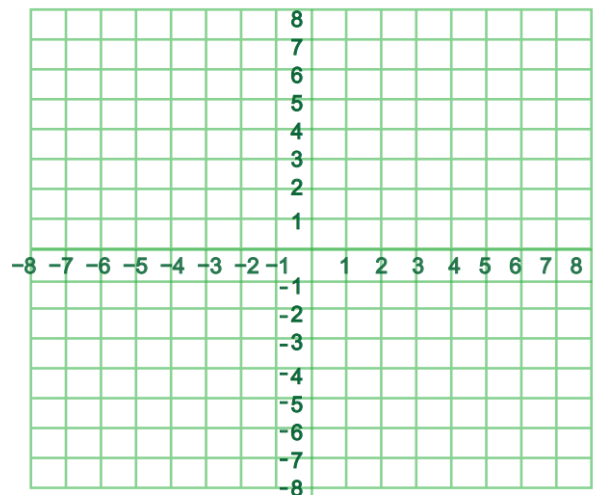a) $y = 2x + 1$

b) $y = -2x + 3$

c) $y = 3x$

Question 3

Plot these equations on the grid

a) $x + y = 5$

b) $3x + 2y = 6$

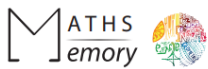**Let's get our revision card and create Section A. Look at video for guidance.**

My Tool Kit

Topic: Grade:

(A)

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

My Tool Kit

Topic: Grade:

(B)

Core- Create your revision cards with these exam style questions

MATHS Memory   **Core 1**   **Topic:** Inequality Regions

Question 1

On the grid, shade the region that satisfies all the following inequalities.

$y > 1$ $x + y < 6$ $y < 2x$

Grade

6 (3 Marks)
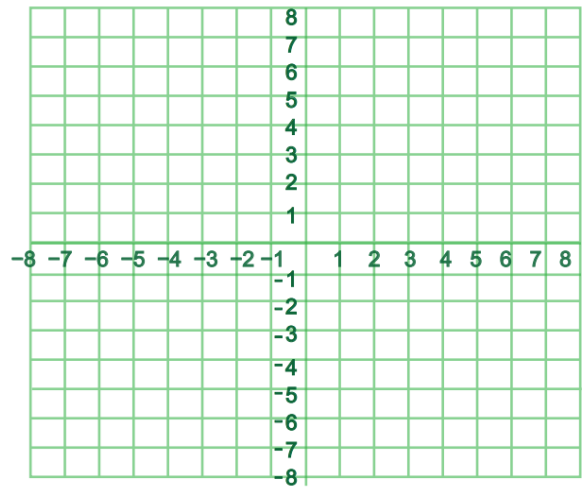
ATHS
Memory
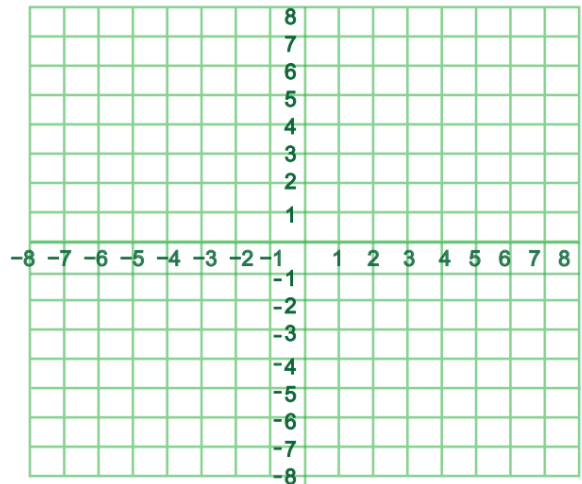
Question 2

On the grid, shade the region that satisfies all the following inequalities.

$2x + y > 6$ $y < 1/3x$ $3 < x < 4$

Grade
6 (3 Marks)

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

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Let's Do It!   **Topic:** Inequality Regions
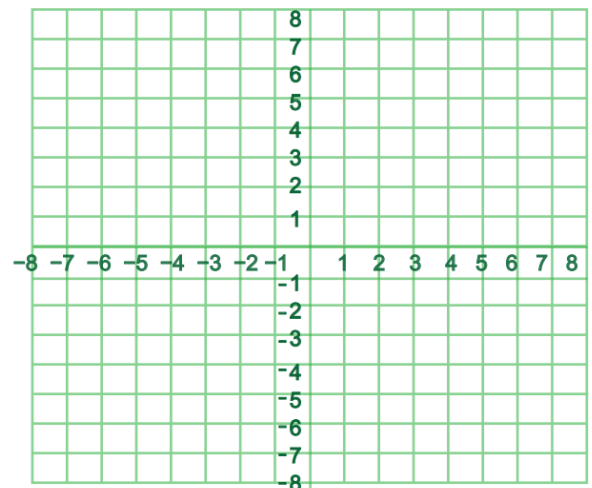
Question 1

On the grid, shade the region that satisfies all the following inequalities.

$2x + 4y > 8$ $y < 2x-1$ $y > -1$

Grade
6 (3 Marks)

Congratulations. You have completed this topic.

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

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