Applied Algebra

Week 5

Lesson Time : 15- 20 Minutes
Course : Foundation or Higher
Grade : 4/5

Bronze Topic

| Back to Basics | Core | Let's Do It! |

GCSE Revision Video 24

- **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.
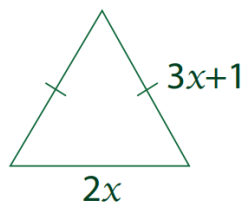
Back to Basics - Starter questions to warm you up
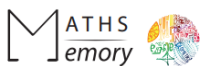
M ATHS emory
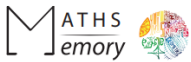
Back to Basics

Question 1

a) Form an expression for the perimeter of the triangle.

b) If the perimeter is 50 cm, form an equation and solve for x.

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

Maths Memory	**My Tool Kit**	
Topic:		Grade:
(A)		

Core- Create your revision cards with these exam style questions

MATHS Memory   **Core 1**   **Topic: Applied Algebra**

Question 1

Ben is 5 years younger than Amy. Carl is double Ben's age. The sum of their ages is 33 years.
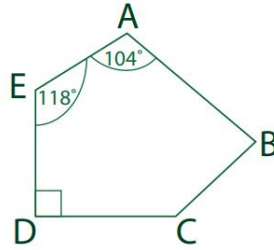
Work out all their ages

Amy:_____

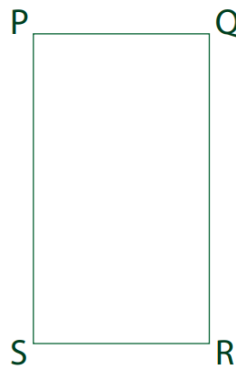Ben :_____

Carl:_____

Grade
5 (4 Marks)
Calculator

ATHS
Memory

Question 2

Angle BCD = 2 x angle ABC.
Work out the size of angle BCD. Show all working.

Grade
5 (5 Marks)
Calculator

ATHS
Memory

Challenge **Topic:** **Applied Algebra**

Question 3
Here are two rectangles.

QR = 12cm
PQ = 3 x BC
The perimeter of ABCD is 14 cm.
The area of PQRS is 72cm².
Find the length of AB

Grade
5 (4 Marks)
Calculator

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

Let's Do It!   Topic: Applied Algebra

Question 1

Sarah is triple Leon's age. Ash is 2 years older than Sarah. The sum of their ages is 58 years.

Work out all their ages

Sarah:_____

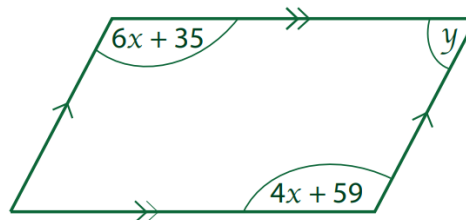Ash :_____

Leon:_____

Grade
5 (4 Marks)
Calculator

MATHS Memory

Let's Do It!   Topic: Applied Algebra

Question 2

Here is a parallelogram

Find angle y

Grade
5 (3 Marks)
Calculator

Congratulations. You have completed this topic.

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

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