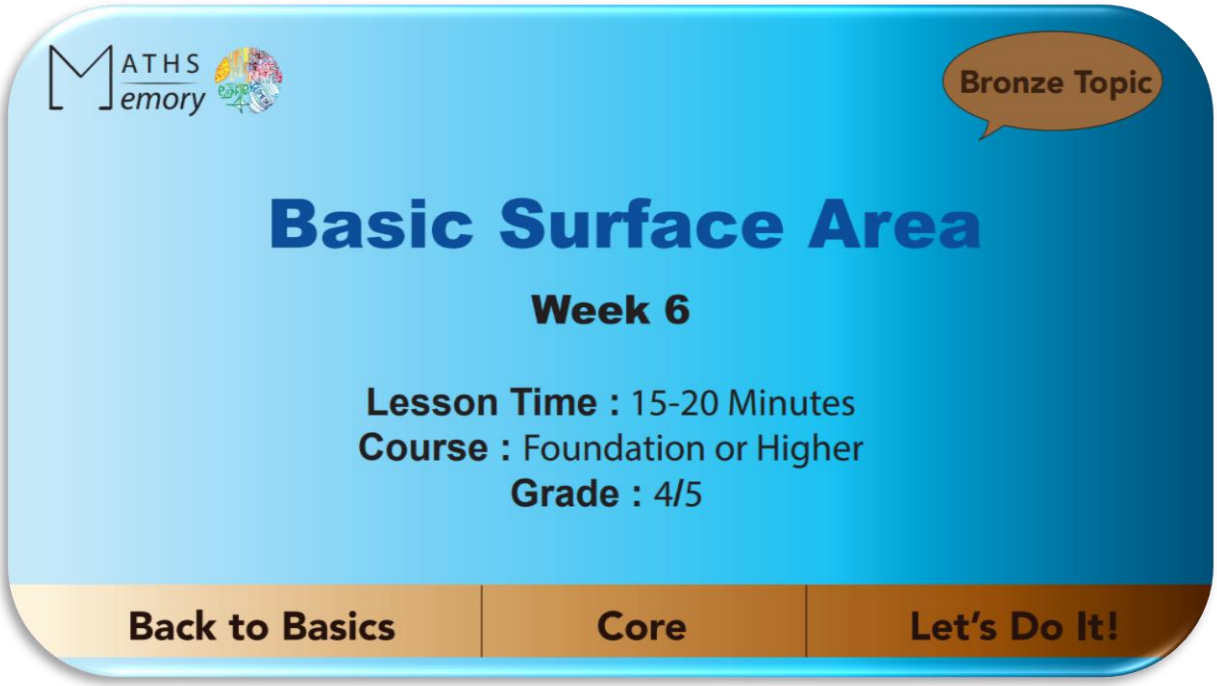


GCSE Revision Video 28

- **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.

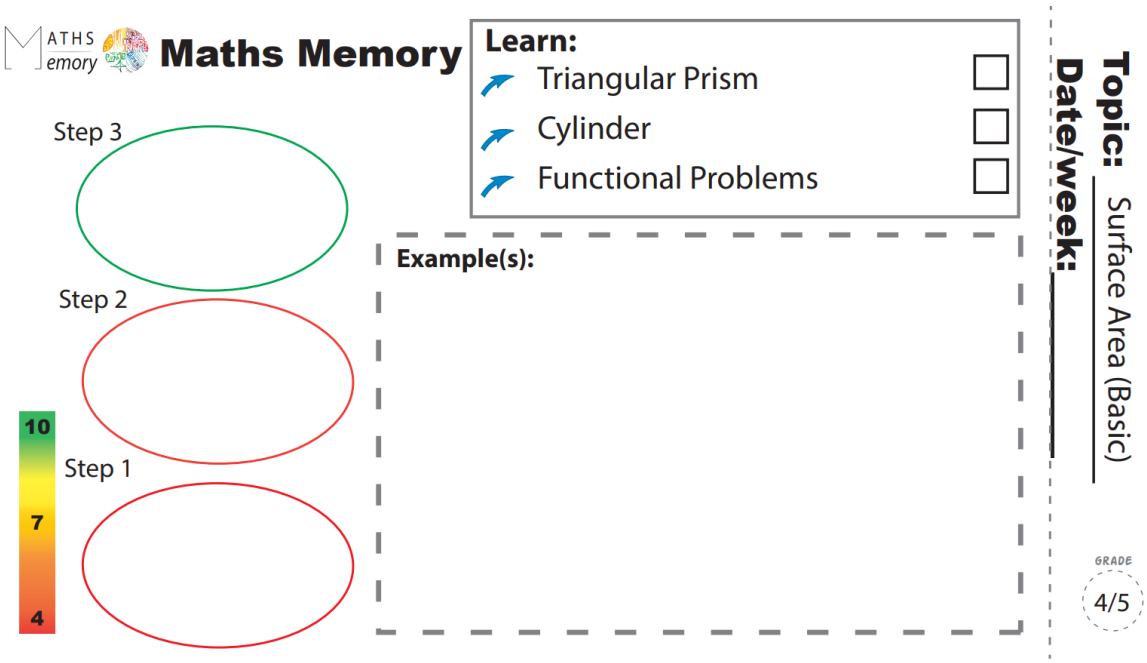
Create your OWN revision cards when prompted on the worksheet(Back to Basic and Core sections).

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.

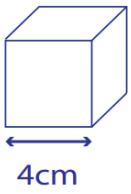


Back to Basics- Starter questions to warm you up

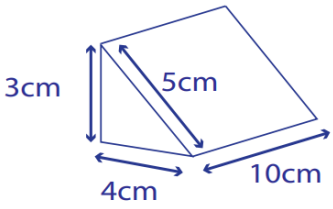
Back to Basics **Topic: Basic Surface Area**

Question 1

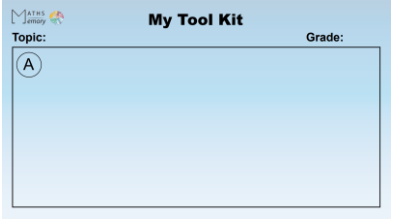
a) Find the surface area of a cube of side length 4 cm.



b) Find the surface area of this triangular prism.



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



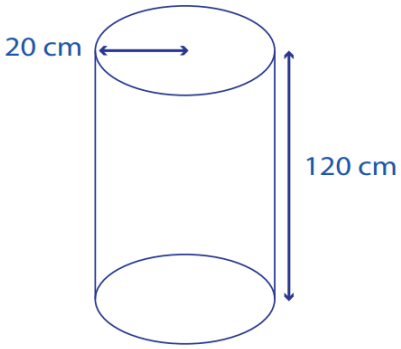
Core- Create your revision cards with these exam style questions

Core 1

Topic: Basic Surface Area

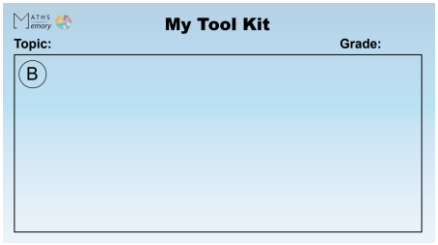
Question 1

a) Find the surface area of this cylinderical barrell. It has a top and a bottom.
Give your answer as a multiple of π.



Grade 4 (3 Marks)

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



Core 2

Topic: Basic Surface Area

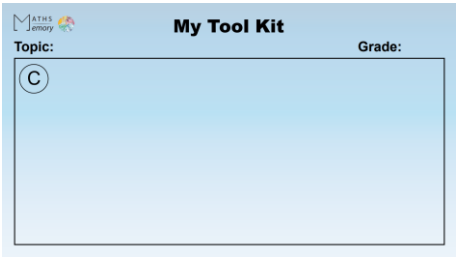
Question 2

a) The volume of a cube is 512 cm^3. Find the surface area of this cube.

b) 30 of the cubes above have to be painted. Nicky buys a paint tin that can cover 1 m^2.
Does Nicky have enough paint?

Grade 5 (5 Marks)
Calculator

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



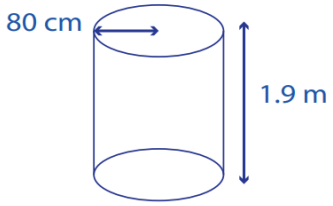
MATHS emory

Challenge

Topic: Basic Surface Area

Question 3

a) The diagram shows a cylindrical oil tank.



A tank has a diameter of 80cm and a height of 1.9m
8 of these oil tanks are to be painted.
Each pot of paint contains 40 m^2. How many pot of paints are needed?

Grade
5 (4 Marks)
Calculator

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

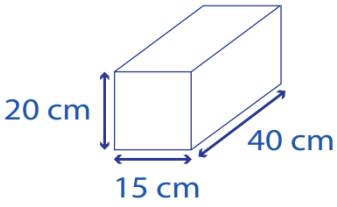
MATHS emory

Let's Do It!

Topic: Basic Surface Area

Question 2

The diagram shows a box in the shape of a cuboid.

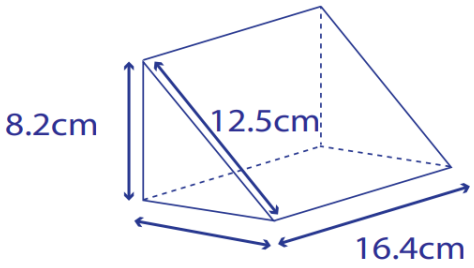


Several boxes are to be painted. A paint tin contains 1.5 m^2 of paint.
What is the maximum number of boxes that can be painted?

Grade
5 (4 Marks)
Calculator

Question 1

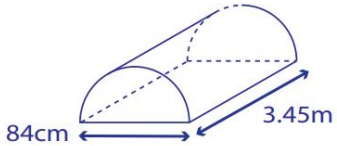
a)Find the surface area of this triangular prism.Write to 2 decimal places.



Grade 5 (5 Marks) Calculator

Question 3

Wayne paints 18 speed ramps. Each speed ramp is a cylinder cut in half.



a) One litre of paint equals 10 m^2. How many litres does Wayne require (nearest whole number)

b) Paint tins can be purchased only in a 2.5 litres size.
How many paint tins does Wayne need to purchase?

Grade 5 (5 Marks)
Calculator

Congratulations. You have completed this topic.

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