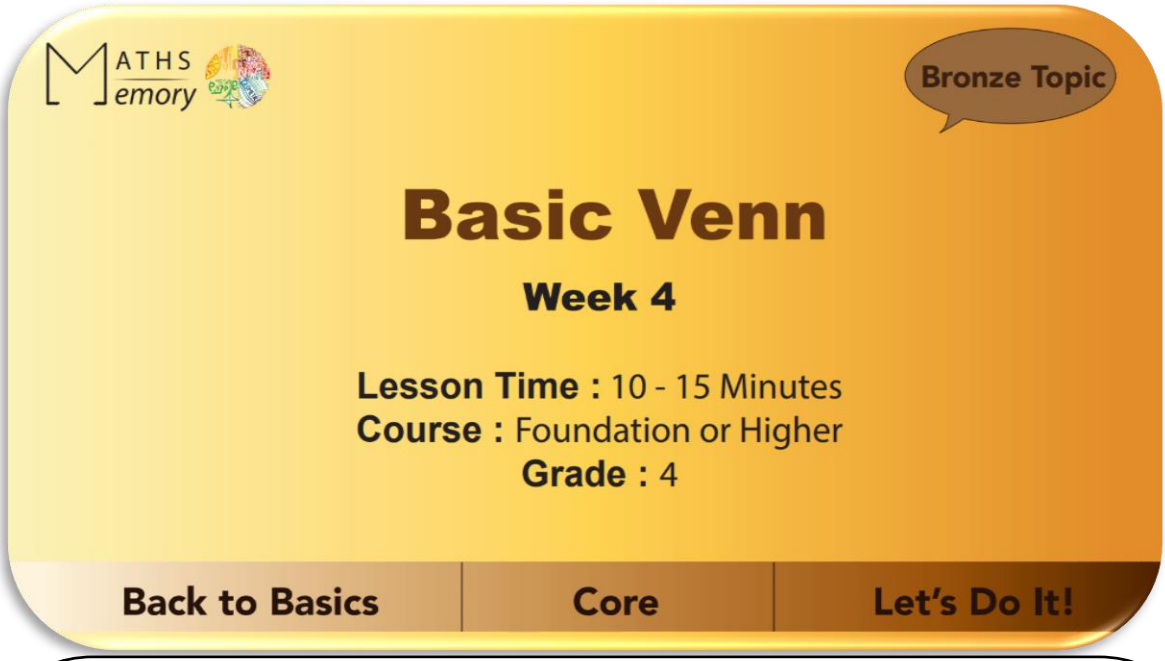


GCSE Revision Video 20

- **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.

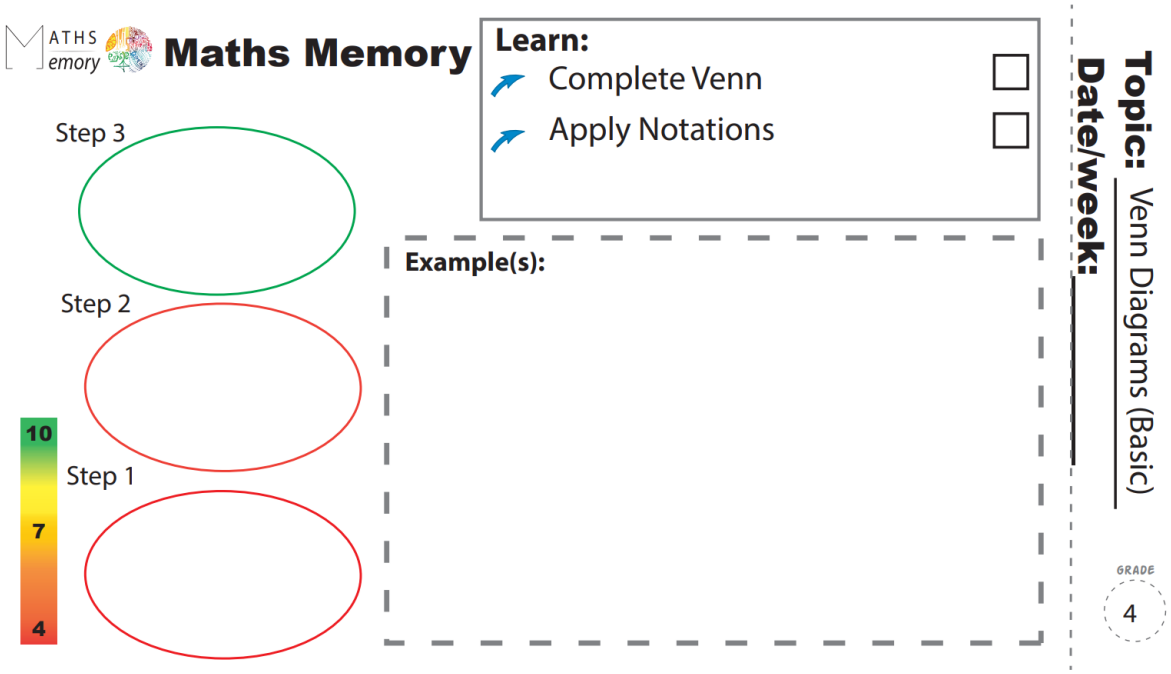
Create your OWN revision cards when prompted on the worksheet(Back to Basic and Core sections).

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 Venn**

Question 1

a) ϵ means _____

b) U means _____

c) ∩ means _____

Core- Create your revision cards with these exam style questions

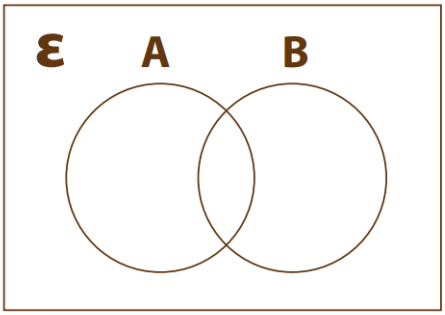
MATHS memory

Core 1

Topic: Basic Venn

Question 1

$\varepsilon = \{1,2,3,4,5,6,7,8,9,10,11,12\}$
A = { Multiples of 3 }
B = { Odd Numbers }
a) Complete the Venn diagram to represent this information.

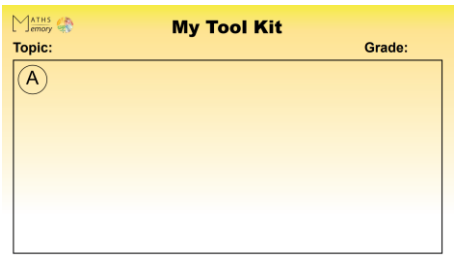


b) List the members $A \cup B$

c) List the members $A \cap B$

Grade 4 (5 Marks)

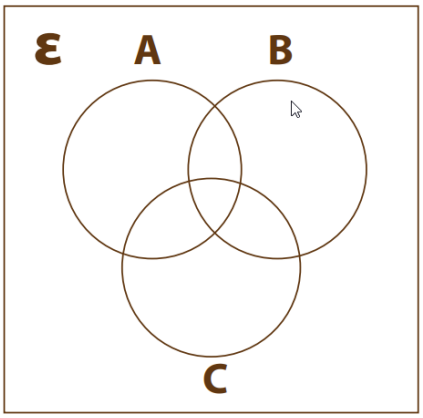
Let's get our revision card and create Section A. Look at video for guidance.



MATHS memory

Question 2

ε = {5, 6, 7, 8 , 9, 10, 11, 12}
A = { Multiples of 3 between 5 and 12}
B = { Even Numbers between 5 and 12}
C = { Multiples of 4 between 5 and 12}



a) Complete the Venn diagram to represent this information.

b) List all members in $A \cap B \cap C$.

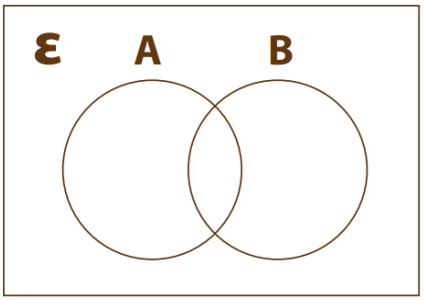
c) A number is chosen at random from the universal set ε.
Find the probability that the number is in the set $A \cap B \cap C$.

Grade 4 (5 Marks)

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

Question 1

ε = {3,4,5,6,7,8,9,10,11,12}
A = { Odd Numbers between 3 and 12}
B = { Multiples of 3 between 3 and 12}



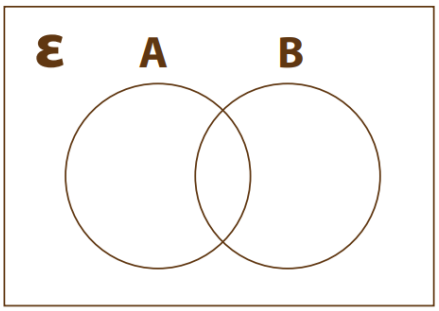
a) Complete the Venn diagram to represent this information.

b) A number is chosen at random from the universal set ε.
Find the probability that the number is in the set $A \cap B$

Grade 4 (5 Marks)

Question 2

ε = {16, 17, 18, 19, 20, 21, 22, 23, 24, 25}
A = { Multiples of 3 or 4 between 16 and 25 }
B = { Any square number between 16 and 25}



a) Complete the Venn diagram for this information.

b) A number is chosen at random from the universal set ε.
Find the probability that the number is in the set $A \cap B$

Grade 4 (5 Marks)

Congratulations. You have completed this topic.

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