



# Year 9- The Road to Higher GCSE Maths

Year 9

## Fractions

Can you add and subtract fractions?  
Can you multiply and divide fractions?  
Can you work with mixed numbers?

## Percentages

Can you increase and decrease by a percentage?  
Can you find compound interest using a calculator

## Number

Can you multiply and divide decimals?  
Can you write a number in standard form?

## Ratio

Can you share into ratio?  
Can you compare amounts using ratio, fractions and percentages?

## Number

## Shape

### Area

Can you find the area of compound shape?  
Can you find the area of a circle?

### Volume

Can you find the volume of prisms?  
Can you find the volume of a cylinder?

## Averages

Can you find averages from a frequency table?  
Can you find averages from a grouped frequency table?

## Probability

Can you use a probability tree diagram?  
Can you use a probability tree diagram to find probabilities?

## Tables and charts

Can you create a two way table from information?  
Can you draw a pie chart from information?

## Data

### Surface Area

Can you find the surface area of a cuboid?  
Can you find the surface area of a triangular prism?

## Equations

Can you solve two step equations?  
Can you solve equations with brackets?  
Can you solve equations with unknowns on both sides?

## Brackets

Can you expand and simplify brackets?  
Can you factorise quadratics?

## Sequences

Can you continue sequences?  
Can you find the nth term of a sequence?  
Can you create a sequence given the nth term?

## Algebra

GCSE

# Ways to use and test your knowledge



1. MyMaths (click below)



2. BBC bitesize (click below)

 Revise

 Video

 Test

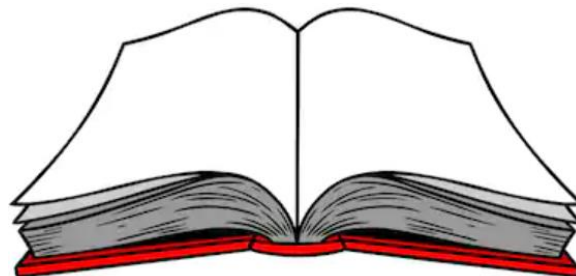
Create a poster on each speech bubble

Examples  
Questions  
A 'how to' guide

4. Create revision cards



5. Make notes in a book



6. Turn your learning into a video, tweets, PowerPoint or podcast to share with your teacher

