

T5 Youtube Videos

BODMAS or BIDMAS

BIDMAS video 2

Dividing by 1,10,100,and 1000

Multiplying by 1,10,100,and 1000

Subtracting without borrowing

Addition without carrying

Rounding numbers – Decimal Place

Rounding to Significant Figures

Multiplying big numbers and decimals

Grid method long multiplication

Lattice method of long multiplication

Algebra Substitution

Construct an Expression

Change the Subject of a Formula

Area/Surface Area

Surface area of a cuboid

Area of L shapes

Areas of compound shapes

Areas of Triangles and Quadrilaterals

Area of Parallelogram

Parallelogram video 2

Parallelogram video 3

Area of Trapezium

Trapezium video 2

trapezium

Squaring a number and cubing a number

Indices ...with a calculator too!

Index laws

Introduction to the Index Laws

Indices with algebra Rule 1

Indices Rule 2

Indices Rule 3

Lots of Index rules

[Indices](#)

[Rules of Indices](#)

Currency exchange rates

Money calculations and kg price.

Conversion Graphs,

Conversion graph...video2....

Distance Time graphs,

Travel graphs video1

Travel graph.....video2....

Imperial Measures.

• Speed= d/t

• Density= m/v

Compound measures (speed and density)

- Sharing out in a given ratio

Sharing out the total
Sharing out when you know one value...
Sharing out in a ratio...exam question...

- *Simple proportion*

Inequalities the basics
Inequalities
Solving inequalities with one sign
Solving double inequalities
Double inequalities... video2....
Inequalities
Inequality ... exam questions....

Quadratic Functions

- Sharing out in a given ratio

Sharing out the total
Sharing out when you know one value...
Sharing out in a ratio...exam question...

- *Simple proportion*

- *Rounding to Significant Figures*
- Simple estimation questions
- Harder estimation questions

Smallest and biggest values when rounded eg. 600 people to the nearest 100

Upper and lower bounds of measurements.

Upper and lower bounds...video2....

Upper and lower bounds...the calculations....

Reciprocal

Rounding numbers – Decimal Place

-
- perpendicular bisector of a line segment,
 - the perpendicular from a point to a line,
 - the bisector of an angle.

- **Rotation part1**
- **Rotation part2**
- **Rotation...video 3....**
- **Rotation...video 4....**

- **Simple reflection**
- **Reflection part2**

- Translation part1
- Translation part2

Reflection and translation

- **Enlarge** a shape by a whole number scale factor only.

Enlargement. Finding the centre of enlargement

Similar shapes

Multiplying by multiples of ten

Dividing by multiples of ten

Probability scale

Basic probability

Probability of not happening

Sample space diagrams

Sample space diagrams...video2...

Probability experiments

Calculating probabilities

Estimating probabilities...exam question...