

Mathematics

Solutions
Maths
Please log into www.hegartymaths.com
<u>Ratio and Scale</u>
<ul style="list-style-type: none"> • Simplifying a ratio (Hegarty Clip no. 329)
<ul style="list-style-type: none"> • Sharing an amount into a ratio (Hegarty Clip no. 332, Hegarty Clip no. 333 and Hegarty Clip no. 334)
<ul style="list-style-type: none"> • Solving ratio problems given a part (Hegarty Clip no. 334)
<u>Multiplicative Change</u>
<ul style="list-style-type: none"> • Solving problems and explain direct proportion (Hegarty Clip no. 339, Hegarty Clip no. 340 and Hegarty Clip no. 341)
<ul style="list-style-type: none"> • Using conversion graphs to make statements, comparisons and form conclusions (Hegarty Clip no. 712 and Hegarty Clip no. 713)
<ul style="list-style-type: none"> • Understanding and use scale factors and length (Hegarty Clip no. 864, Hegarty Clip no. 865, Hegarty Clip no. 866, Hegarty Clip no. 867 and Hegarty Clip no. 868)
<u>Multiplying and dividing fractions</u>
<ul style="list-style-type: none"> • Multiplying a fraction by an integer clip (Hegarty Clip no. 68 and Hegarty Clip no. 69)
<ul style="list-style-type: none"> • Multiplying a fraction by a fraction clip (Hegarty Clip no. 68 and Hegarty Clip no. 69)
<ul style="list-style-type: none"> • Dividing an integer by a fraction clip (Hegarty Clip no.70)
<ul style="list-style-type: none"> • Dividing a fraction by a fraction clip (Hegarty Clip no.70)
<u>Working in the Cartesian plane</u>
<ul style="list-style-type: none"> • Labelling and identifying lines parallel to the x and y axis (Hegarty Clip no. 205)

<ul style="list-style-type: none"> Identifying positive and negative gradients (Hegarty Clip no. 205)
<ul style="list-style-type: none"> Linking linear graphs to sequences (Hegarty Clip no.206)
<ul style="list-style-type: none"> Plotting $y = mx + c$ graphs (Hegarty Clip no. 207)
Representing Data
<ul style="list-style-type: none"> Drawing and interpreting scattergraphs (Hegarty Clip no. 453 and Hegarty Clip no. 454)
<ul style="list-style-type: none"> Describing correlation and relationships (Hegarty Clip no. 453 and Hegarty Clip no. 454)
<ul style="list-style-type: none"> Designing and completing and ungrouped frequency table (Hegarty Clip no. 414, Hegarty Clip no. 415, Hegarty Clip no. 416 and Hegarty Clip no. 417)
<ul style="list-style-type: none"> Reading and interpreting grouped tables (Hegarty Clip no. 402)
<ul style="list-style-type: none"> Representing data in two way tables (Hegarty Clip no. 422, Hegarty Clip no. 423 and Hegarty Clip no. 424)
Tables and Probability
<ul style="list-style-type: none"> Constructing a sample space diagram (Hegarty Clip no. 351 and Hegarty Clip no. 352)
<ul style="list-style-type: none"> Systematically listing outcomes
<ul style="list-style-type: none"> Finding a probability from two way tables (Hegarty Clip no. 423)
<ul style="list-style-type: none"> Finding a probability from Venn diagrams (Hegarty Clip no. 383)
Brackets, Equations and Inequalities
<ul style="list-style-type: none"> Forming expressions (Hegarty Clip no. 176)
<ul style="list-style-type: none"> Expanding single brackets (Hegarty Clip no. 160)
<ul style="list-style-type: none"> Factorising single brackets (Hegarty Clip no. 168 and Hegarty Clip no. 169)
<ul style="list-style-type: none"> Forming and solving equations (Hegarty Clip no. 453 and Hegarty Clip no. 454)
<ul style="list-style-type: none"> Solving equations with brackets (Hegarty Clip no. 176)
<ul style="list-style-type: none"> Forming and solving inequalities (Hegarty Clip no. 269)
<ul style="list-style-type: none"> Maths Worksheet: Mixed Simplifying