M.K. HOME TUITION

Level: GCSE Foundation Tier

LINKS TO EXAMINATION QUESTIONS

Here is a selection of questions by subject, taken from past examination papers. They are mostly grouped by subject topic, although there are also several longer multi-topic questions as well.

The questions are all from the latest (2017) course material and include specimen questions as well as actual past paper questions.

Question Sets from 2018 on

Number

Basic Arithmetic (AQA)
Basic Arithmetic (Pearson Edexcel)
Basic Arithmetic (OCR)

Arithmetic Problems (AQA)
Arithmetic Problems (Pearson Edexcel)
Arithmetic Problems (OCR)

Measuring Systems
Time Calculations
Fractions and Decimals
Percentages
Approximation and Rounding
Factors, Multiples, H.C.F. , L.C.M.
Indices and Powers
Standard Form

Ratio and Proportion (AQA)
Ratio and Proportion (Pearson Edexcel)
Ratio and Proportion (OCR)
Direct and Inverse Proportion

Algebra

 Mixed Algebra Problems
 Basics of Algebra
 Functions
 Linear Equations
 Formulae
 Inequalities
 Straight Lines and Coordinate Geometry
 Non-Linear Graphs
 Real-Life Graphs
 Simultaneous Equations
 Sequences
 Quadratic Equations

Shape and Space

 Mixed Shape and Space Problems
 Angle Problems
 Triangles, Quadrilaterals and Polygons
 Pythagoras and Basic Trigonometry
 Circles (properties and measurement)
 Bearings, Loci, Measures, Constructions
 Transformations
 Measuring Plane Shapes
 Solid Shapes
 Three-Dimensional Projections
 Vectors

Data and Statistics

Bar and Line Charts
Pie Charts and Pictograms
Scatter Diagrams
Mixed and Other Data Representations
Surveys and Sampling
Averages
Set Theory and Venn Diagrams
Frequency Trees

Probability (AQA)
Probability (Pearson Edexcel)
Probability (OCR)

Earlier Question Sets (2015-2018)

Number

Basic Arithmetic (AQA)
Basic Arithmetic (Pearson Edexcel)
Basic Arithmetic (OCR)

Arithmetic Problems (AQA)
Arithmetic Problems (Pearson Edexcel)
Arithmetic Problems (OCR)

Measuring Systems
Time Calculations
Fractions and Decimals
Percentages
Approximation and Rounding
Factors, Multiples, H.C.F. , L.C.M.
Indices and Powers
Standard Form

Ratio and Proportion (AQA)
Ratio and Proportion (Pearson Edexcel)
Ratio and Proportion (OCR)
Direct and Inverse Proportion

Algebra

Mixed Algebra Problems
Basics of Algebra
Functions
Linear Equations
Formulae
Inequalities
Straight Lines and Coordinate Geometry
Non-Linear Graphs
Real-Life Graphs
Simultaneous Equations
Sequences
Quadratic Equations

Shape and Space

Mixed Shape and Space Problems
Angle Problems
Triangles, Quadrilaterals and Polygons
Pythagoras and Basic Trigonometry
Circles (properties and measurement)
Bearings, Loci, Measures, Constructions
Transformations
Measuring Plane Shapes
Solid Shapes
Three-Dimensional Projections
Vectors

Data and Statistics

 Bar and Line Charts
 Pie Charts and Pictograms
 Scatter Diagrams
 Mixed and Other Data Representations
 Surveys and Sampling
 Averages
 Set Theory and Venn Diagrams
 Frequency Trees

 Probability (AQA)
 Probability (Pearson Edexcel)
 Probability (OCR)