

CIE IGCSE Maths (0580)

New Worksheets Questions by Topic

Mark Scheme

Section 1 : Number

Integers, HCF/LCM, Prime numbers, Sig Figs, Dec Places(Ext) - 1

Integers, HCF/LCM, Prime numbers, Sig Figs, Dec Places(Ext) - MS 1

Integers, HCF/LCM, Prime numbers, Sig Figs, Dec Places(Ext) - 2

Integers, HCF/LCM, Prime numbers, Sig Figs, Dec Places(Ext) - MS 2

Sets & Venn Diagrams (Ext) - 1

Sets & Venn Diagrams (Ext) - MS 1

Sets & Venn Diagrams (Ext) - 2

Sets & Venn Diagrams (Ext) - MS 2

Sets & Venn Diagrams (Ext) - 3

Sets & Venn Diagrams (Ext) - MS 3

Sets & Venn Diagrams (Ext) - 4

Sets & Venn Diagrams (Ext) - MS 4

Sets & Venn Diagrams (Ext) - 5

Sets & Venn Diagrams (Ext) -MS 5

Square & Cube Numbers (Ext) - 1

Square & Cube Numbers (Ext) - MS 1

Conversion - Percentages, Fractions & Decimals (Ext) - 1

Conversion - Percentages, Fractions & Decimals (Ext) - MS 1

Conversion - Percentages, Fractions & Decimals (Ext) - 2

Conversion - Percentages, Fractions & Decimals (Ext) - MS 2

Conversion - Percentages, Fractions & Decimals (Ext) - 3

Conversion - Percentages, Fractions & Decimals (Ext) - MS 3

Order by Size (Ext) - 1

Order by Size (Ext) - MS 1

Standard Form (Ext) - 1

Standard Form (Ext) - MS 1

Standard Form (Ext) - 2

Standard Form (Ext) - MS 2

Fractions & Decimals (Ext) - 1

Fractions & Decimals (Ext) - MS 1

Fractions & Decimals (Ext) - 2

Fractions & Decimals (Ext) - MS 2

Estimation (Ext) - 1

Estimation (Ext) - MS 1

Bounds (Ext) - 1

Bounds (Ext) - MS 1

Bounds (Ext) - 2

Bounds (Ext) - MS 2

Bounds (Ext) - 3

Bounds (Ext) - MS 3

Ratios (inc scales) (Ext) - 1

Ratios (inc scales) (Ext) - MS 1

Ratios (inc scales) (Ext) - 2

Ratios (inc scales) (Ext) - MS 2

Ratios (inc scales) (Ext) - 3

Ratios (inc scales) (Ext) - MS 3

Ratios (inc scales) (Ext) - 4

Ratios (inc scales) (Ext) - MS 4

Ratios (inc scales) (Ext) - 5

Ratios (inc scales) (Ext) - MS 5

Percentages (Ext) - 1

Percentages (Ext) - MS 1

Percentages (Ext) - 2

Percentages (Ext) - MS 2

Percentages (Ext) - 3

Percentages (Ext) - MS 3

Percentages (Ext) - 4

Percentages (Ext) - MS 4

Percentages (Ext) - 5

Percentages (Ext) - 6

Percentages (Ext) - 7

Percentages (Ext) - 8

Using a calculator (Ext) - 1

Time (Ext) - 1

Time (Ext) - 2

Currency Conversions (Ext) - 1

Currency Conversions (Ext) - 2

Finance Problems (Ext) - 1

Finance Problems (Ext) - 2

Finance Problems (Ext) - 3

Finance Problems (Ext) - 4

Finance Problems (Ext) - 5

Finance Problems (Ext) - 6

Exponential Growth/Decay (inc Compound Int.) (Ext) - 1

Exponential Growth/Decay (inc Compound Int.) (Ext) - 2

Percentages (Ext) - MS 5

Percentages (Ext) - MS 6

Percentages (Ext) - MS 7

Percentages (Ext) - MS 8

Using a calculator (Ext) - MS 1

Time (Ext) - MS 1

Time (Ext) - MS 2

Currency Conversions (Ext) - MS 1

Currency Conversions (Ext) - MS 2

Finance Problems (Ext) - MS 1

Finance Problems (Ext) - MS 2

Finance Problems (Ext) - MS 3

Finance Problems (Ext) - MS 4

Finance Problems (Ext) - MS 5

Finance Problems (Ext) - MS 6

Exponential Growth/Decay (inc Compound Int.) (Ext) - MS 1

Exponential Growth/Decay (inc Compound Int.) (Ext) -MS 2

Section 2 : Algebra and graphs

Using Algebra to Solve Problems (Ext) - 1

Using Algebra to Solve Problems (Ext) - 2

Using Algebra to Solve Problems (Ext) - 3

Using Algebra to Solve Problems (Ext) - 4

Using Algebra to Solve Problems (Ext) - 5

Using Algebra to Solve Problems (Ext) - 6

Factorisation (Linear) (Ext) - 1

Factorisation (Linear) (Ext) - 2

Factorisation (Linear) (Ext) - 3

Algebraic Fractions (Ext) - 1

Algebraic Fractions (Ext) - 2

Algebraic Fractions (Ext) - 3

Algebraic Fractions (Ext) - 4

Algebraic Fractions (Ext) - 5

Indices (Ext) - 1

Indices (Ext) - 2

Indices (Ext) - 3

Linear Equations (Ext) - 1

Linear Equations (Ext) - 2

Using Algebra to Solve Problems (Ext) - MS 1

Using Algebra to Solve Problems (Ext) - MS 2

Using Algebra to Solve Problems (Ext) - MS 3

Using Algebra to Solve Problems (Ext) - MS 4

Using Algebra to Solve Problems (Ext) - MS 5

Using Algebra to Solve Problems (Ext) - MS 6

Factorisation (Linear) (Ext) - MS 1

Factorisation (Linear) (Ext) - MS 2

Factorisation (Linear) (Ext) - MS 3

Algebraic Fractions (Ext) - MS 1

Algebraic Fractions (Ext) - MS 2

Algebraic Fractions (Ext) - MS 3

Algebraic Fractions (Ext) - MS 4

Algebraic Fractions (Ext) - MS 5

Indices (Ext) - MS 1

Indices (Ext) - MS 2

Indices (Ext) - MS 3

Linear Equations (Ext) - MS 1

Linear Equations (Ext) - MS 2

Simultaneous Linear Equations (Ext) - 1
Simultaneous Linear Equations (Ext) - 2
Simultaneous Linear Equations (Ext) - 3
Simultaneous Linear Equations (Ext) - 4

Linear Inequalities (Ext) - 1
Linear Inequalities (Ext) - 2

Quadratic Equations (Ext) - 1
Quadratic Equations (Ext) - 2
Quadratic Equations (Ext) - 3
Quadratic Equations (Ext) - 4
Quadratic Equations (Ext) - 5
Quadratic Equations (Ext) - 6
Quadratic Equations (Ext) - 7
Quadratic Equations (Ext) - 8
Quadratic Equations (Ext) - 9
Quadratic Equations (Ext) - 10
Quadratic Equations (Ext) - 11
Quadratic Equations (Ext) - 12
Quadratic Equations (Ext) - 13

Graphical Inequalities (Ext) - 1

Simultaneous Linear Equations (Ext) - MS 1
Simultaneous Linear Equations (Ext) - MS 2
Simultaneous Linear Equations (Ext) - MS 3
Simultaneous Linear Equations (Ext) - MS 4

Linear Inequalities (Ext) - MS 1
Linear Inequalities (Ext) - MS 2

Quadratic Equations (Ext) - MS 1
Quadratic Equations (Ext) - MS 2
Quadratic Equations (Ext) - MS 3
Quadratic Equations (Ext) - MS 4
Quadratic Equations (Ext) - MS 5
Quadratic Equations (Ext) - MS 6
Quadratic Equations (Ext) - MS 7
Quadratic Equations (Ext) - MS 8
Quadratic Equations (Ext) - MS 9
Quadratic Equations (Ext) - MS 10
Quadratic Equations (Ext) - MS 11
Quadratic Equations (Ext) - MS 12
Quadratic Equations (Ext) - MS 13

Graphical Inequalities (Ext) - MS 1

Graphical Inequalities (Ext) - 2

Graphical Inequalities (Ext) - 3

Graphical Inequalities (Ext) - 4

Graphical Inequalities (Ext) - 5

Graphical Inequalities (Ext) - 6

Sequences & nth Term (Ext) - 1

Sequences & nth Term (Ext) - 2

Sequences & nth Term (Ext) - 3

Sequences & nth Term (Ext) - 4

Sequences & nth Term (Ext) - 5

Sequences & nth Term (Ext) - 6

Sequences & nth Term (Ext) - 7

Sequences & nth Term (Ext) - 8

Sequences & nth Term (Ext) - 9

Sequences & nth Term (Ext) - 10

Sequences & nth Term (Ext) - 11

Direct/Inverse Proportionality (Ext) - 1

Direct/Inverse Proportionality (Ext) - 2

Direct/Inverse Proportionality (Ext) - 3

Kinematics, Distance-Time & Speed-Time Graphs (Ext) - 1

Kinematics, Distance-Time & Speed-Time Graphs (Ext) - 2

Graphical Inequalities (Ext) - MS 2

Graphical Inequalities (Ext) - MS 3

Graphical Inequalities (Ext) - MS 4

Graphical Inequalities (Ext) - MS 5

Graphical Inequalities (Ext) - MS 6

Sequences & nth Term (Ext) - MS 1

Sequences & nth Term (Ext) - MS 2

Sequences & nth Term (Ext) - MS 3

Sequences & nth Term (Ext) - MS 4

Sequences & nth Term (Ext) - MS 5

Sequences & nth Term (Ext) - MS 6

Sequences & nth Term (Ext) - MS 7

Sequences & nth Term (Ext) - MS 8

Sequences & nth Term (Ext) - MS 9

Sequences & nth Term (Ext) - MS 10

Sequences & nth Term (Ext) - MS 11

Direct/Inverse Proportionality (Ext) - MS 1

Direct/Inverse Proportionality (Ext) - MS 2

Direct/Inverse Proportionality (Ext) - MS 3

Kinematics, Distance-Time & Speed-Time Graphs (Ext) - MS 1

Kinematics, Distance-Time & Speed-Time Graphs (Ext) - MS 2

Kinematics, Distance-Time & Speed-Time Graphs (Ext) - 3
Kinematics, Distance-Time & Speed-Time Graphs (Ext) - 4
Kinematics, Distance-Time & Speed-Time Graphs (Ext) - 5
Kinematics, Distance-Time & Speed-Time Graphs (Ext) - 6

Constructing Graphs & Solving Equations Graphically (Ext) - 1
Constructing Graphs & Solving Equations Graphically (Ext) - 2
Constructing Graphs & Solving Equations Graphically (Ext) - 3
Constructing Graphs & Solving Equations Graphically (Ext) - 4
Constructing Graphs & Solving Equations Graphically (Ext) - 5
Constructing Graphs & Solving Equations Graphically (Ext) - 6
Constructing Graphs & Solving Equations Graphically (Ext) - 7
Constructing Graphs & Solving Equations Graphically (Ext) - 8
Constructing Graphs & Solving Equations Graphically (Ext) - 9
Constructing Graphs & Solving Equations Graphically (Ext) - 10
Constructing Graphs & Solving Equations Graphically (Ext) - 11
Constructing Graphs & Solving Equations Graphically (Ext) - 12
Constructing Graphs & Solving Equations Graphically (Ext) - 13
Constructing Graphs & Solving Equations Graphically (Ext) - 14
Constructing Graphs & Solving Equations Graphically (Ext) - 15
Constructing Graphs & Solving Equations Graphically (Ext) - 16
Constructing Graphs & Solving Equations Graphically (Ext) - 17

Tangents & Gradients (Ext) - 1

Kinematics, Distance-Time & Speed-Time Graphs (Ext) - MS 3
Kinematics, Distance-Time & Speed-Time Graphs (Ext) - MS 4
Kinematics, Distance-Time & Speed-Time Graphs (Ext) - MS 5
Kinematics, Distance-Time & Speed-Time Graphs (Ext) - MS 6

Constructing Graphs & Solving Equations Graphically (Ext) - MS 1
Constructing Graphs & Solving Equations Graphically (Ext) - MS 2
Constructing Graphs & Solving Equations Graphically (Ext) - MS 3
Constructing Graphs & Solving Equations Graphically (Ext) - MS 4
Constructing Graphs & Solving Equations Graphically (Ext) - MS 5
Constructing Graphs & Solving Equations Graphically (Ext) - MS 6
Constructing Graphs & Solving Equations Graphically (Ext) - MS 7
Constructing Graphs & Solving Equations Graphically (Ext) - MS 8
Constructing Graphs & Solving Equations Graphically (Ext) - MS 9
Constructing Graphs & Solving Equations Graphically (Ext) - MS 10
Constructing Graphs & Solving Equations Graphically (Ext) - MS 11
Constructing Graphs & Solving Equations Graphically (Ext) - MS 12
Constructing Graphs & Solving Equations Graphically (Ext) - MS 13
Constructing Graphs & Solving Equations Graphically (Ext) - MS 14
Constructing Graphs & Solving Equations Graphically (Ext) - MS 15
Constructing Graphs & Solving Equations Graphically (Ext) - MS 16
Constructing Graphs & Solving Equations Graphically (Ext) - MS 17

Tangents & Gradients (Ext) - MS 1

Tangents & Gradients (Ext) - 2

Tangents & Gradients (Ext) - 3

Tangents & Gradients (Ext) - 4

Functions (Ext) - 1

Functions (Ext) - 2

Functions (Ext) - 3

Functions (Ext) - 4

Functions (Ext) - 5

Functions (Ext) - 6

Functions (Ext) - 7

Functions (Ext) - 8

Functions (Ext) - 9

Tangents & Gradients (Ext) - MS 2

Tangents & Gradients (Ext) - MS 3

Tangents & Gradients (Ext) - MS 4

Functions (Ext) - MS 1

Functions (Ext) - MS 2

Functions (Ext) - MS 3

Functions (Ext) - MS 4

Functions (Ext) - MS 5

Functions (Ext) - MS 6

Functions (Ext) - MS 7

Functions (Ext) - MS 8

Functions (Ext) - MS 9

Section 3 : Geometry

Properties of Shapes (Ext) - 1

Properties of Shapes (Ext) - 2

Properties of Shapes (Ext) - MS 1

Properties of Shapes (Ext) - MS 2

Construction (Ext) - 1

Construction (Ext) - 2

Construction (Ext) - 3

Construction (Ext) - 4

Construction (Ext) - 5

Construction (Ext) - MS 1

Construction (Ext) - MS 2

Construction (Ext) - MS 3

Construction (Ext) - MS 4

Construction (Ext) - MS 5

Similarity (Ext) - 1

Similarity (Ext) - 2

Symmetry (inc. Circles) (Ext) - 1

Angles (Circles, Quadrilaterals, Polygons & Triangles) (Ext) - 1

Angles (Circles, Quadrilaterals, Polygons & Triangles) (Ext) - 2

Angles (Circles, Quadrilaterals, Polygons & Triangles) (Ext) - 3

Angles (Circles, Quadrilaterals, Polygons & Triangles) (Ext) - 4

Angles (Circles, Quadrilaterals, Polygons & Triangles) (Ext) - 5

Angles (Circles, Quadrilaterals, Polygons & Triangles) (Ext) - 6

Angles (Circles, Quadrilaterals, Polygons & Triangles) (Ext) - 7

Angles (Circles, Quadrilaterals, Polygons & Triangles) (Ext) - 8

Angles (Circles, Quadrilaterals, Polygons & Triangles) (Ext) - 9

Angles (Circles, Quadrilaterals, Polygons & Triangles) (Ext) - 10

Loci (Ext) - 1

Section 4 : Mensuration (Perimeters, Areas & Volumes)

2D Shapes: Perimeters & Areas (Ext) - 1

2D Shapes: Perimeters & Areas (Ext) - 2

2D Shapes: Perimeters & Areas (Ext) - 3

Similarity (Ext) - MS 1

Similarity (Ext) - MS 2

Symmetry (inc. Circles) (Ext) - MS 1

Angles (Circles, Quadrilaterals, Polygons & Triangles) (Ext) - MS 1

Angles (Circles, Quadrilaterals, Polygons & Triangles) (Ext) - MS 2

Angles (Circles, Quadrilaterals, Polygons & Triangles) (Ext) - MS 3

Angles (Circles, Quadrilaterals, Polygons & Triangles) (Ext) - MS 4

Angles (Circles, Quadrilaterals, Polygons & Triangles) (Ext) - MS 5

Angles (Circles, Quadrilaterals, Polygons & Triangles) (Ext) - MS 6

Angles (Circles, Quadrilaterals, Polygons & Triangles) (Ext) - MS 7

Angles (Circles, Quadrilaterals, Polygons & Triangles) (Ext) - MS 8

Angles (Circles, Quadrilaterals, Polygons & Triangles) (Ext) - MS 9

Angles (Circles, Quadrilaterals, Polygons & Triangles) (Ext) - MS 10

Loci (Ext) - MS 1

2D Shapes: Perimeters & Areas (Ext) - MS 1

2D Shapes: Perimeters & Areas (Ext) - MS 2

2D Shapes: Perimeters & Areas (Ext) - MS 3

2D Shapes: Perimeters & Areas (Ext) - 4
2D Shapes: Perimeters & Areas (Ext) - 5
2D Shapes: Perimeters & Areas (Ext) - 6
2D Shapes: Perimeters & Areas (Ext) - 7
2D Shapes: Perimeters & Areas (Ext) - 8
2D Shapes: Perimeters & Areas (Ext) - 9
2D Shapes: Perimeters & Areas (Ext) - 10
2D Shapes: Perimeters & Areas (Ext) - 11

Circle Problems (Area, Circumference, Arcs) (Ext) - 1
Circle Problems (Area, Circumference, Arcs) (Ext) - 2
Circle Problems (Area, Circumference, Arcs) (Ext) - 3
Circle Problems (Area, Circumference, Arcs) (Ext) - 4

3D Shapes: Volumes & Surface Areas (Ext) - 1
3D Shapes: Volumes & Surface Areas (Ext) - 2
3D Shapes: Volumes & Surface Areas (Ext) - 3
3D Shapes: Volumes & Surface Areas (Ext) - 4
3D Shapes: Volumes & Surface Areas (Ext) - 5
3D Shapes: Volumes & Surface Areas (Ext) - 6
3D Shapes: Volumes & Surface Areas (Ext) - 7
3D Shapes: Volumes & Surface Areas (Ext) - 8
3D Shapes: Volumes & Surface Areas (Ext) - 9
3D Shapes: Volumes & Surface Areas (Ext) - 10

2D Shapes: Perimeters & Areas (Ext) - MS 4
2D Shapes: Perimeters & Areas (Ext) - MS 5
2D Shapes: Perimeters & Areas (Ext) - MS 6
2D Shapes: Perimeters & Areas (Ext) - MS 7
2D Shapes: Perimeters & Areas (Ext) - MS 8
2D Shapes: Perimeters & Areas (Ext) - MS 9
2D Shapes: Perimeters & Areas (Ext) - MS 10
2D Shapes: Perimeters & Areas (Ext) - MS 11

Circle Problems (Area, Circumference, Arcs) (Ext) - MS 1
Circle Problems (Area, Circumference, Arcs) (Ext) - MS 2
Circle Problems (Area, Circumference, Arcs) (Ext) - MS 3
Circle Problems (Area, Circumference, Arcs) (Ext) - MS 4

3D Shapes: Volumes & Surface Areas (Ext) - MS 1
3D Shapes: Volumes & Surface Areas (Ext) - MS 2
3D Shapes: Volumes & Surface Areas (Ext) - MS 3
3D Shapes: Volumes & Surface Areas (Ext) - MS 4
3D Shapes: Volumes & Surface Areas (Ext) - MS 5
3D Shapes: Volumes & Surface Areas (Ext) - MS 6
3D Shapes: Volumes & Surface Areas (Ext) - MS 7
3D Shapes: Volumes & Surface Areas (Ext) - MS 8
3D Shapes: Volumes & Surface Areas (Ext) - MS 9
3D Shapes: Volumes & Surface Areas (Ext) - MS 10

3D Shapes: Volumes & Surface Areas (Ext) - 11

3D Shapes: Volumes & Surface Areas (Ext) - 12

3D Shapes: Volumes & Surface Areas (Ext) - 13

3D Shapes: Volumes & Surface Areas (Ext) - 14

3D Shapes: Volumes & Surface Areas (Ext) - 15

3D Shapes: Volumes & Surface Areas (Ext) - 16

3D Shapes: Volumes & Surface Areas (Ext) - MS11

3D Shapes: Volumes & Surface Areas (Ext) - MS 12

3D Shapes: Volumes & Surface Areas (Ext) - MS 13

3D Shapes: Volumes & Surface Areas (Ext) - MS 14

3D Shapes: Volumes & Surface Areas (Ext) - MS 15

3D Shapes: Volumes & Surface Areas (Ext) - MS 16

Section 5 : Co-ordinate geometry

Equations of a Line (gradients, mid-points, perpendicular & parallel lines) (Ext) - 1

Equations of a Line (gradients, mid-points, perpendicular & parallel lines) (Ext) - 2

Equations of a Line (gradients, mid-points, perpendicular & parallel lines) (Ext) - 3

Equations of a Line (gradients, mid-points, perpendicular & parallel lines) (Ext) - 4

Equations of a Line (gradients, mid-points, perpendicular & parallel lines) (Ext) - 5

Equations of a Line (gradients, mid-points, perpendicular & parallel lines) (Ext) - MS 1

Equations of a Line (gradients, mid-points, perpendicular & parallel lines) (Ext) - MS 2

Equations of a Line (gradients, mid-points, perpendicular & parallel lines) (Ext) - MS 3

Equations of a Line (gradients, mid-points, perpendicular & parallel lines) (Ext) - MS 4

Equations of a Line (gradients, mid-points, perpendicular & parallel lines) (Ext) - MS 5

Section 6 : Trigonometry

Bearings (Ext) - 1

Bearings (Ext) - 2

Bearings (Ext) - MS 1

Bearings (Ext) - MS 2

Bearings (Ext) - 3

2D Pythagoras & Trigonometry (SOHCAHTOA) (Ext) - 1

2D Pythagoras & Trigonometry (SOHCAHTOA) (Ext) - 2

2D Pythagoras & Trigonometry (SOHCAHTOA) (Ext) - 3

Sine & Cosine Rule (Ext) - 1

Sine & Cosine Rule (Ext) - 2

Sine & Cosine Rule (Ext) - 3

Sine & Cosine Rule (Ext) - 4

Sine & Cosine Rule (Ext) - 5

Sine & Cosine Rule (Ext) - 6

Sine & Cosine Rule (Ext) - 7

Sine & Cosine Rule (Ext) - 8

Sine & Cosine Rule (Ext) - 9

Sine & Cosine Rule (Ext) - 10

Sine & Cosine Rule (Ext) - 11

3D Pythagoras & Trigonometry (Ext) - 1

3D Pythagoras & Trigonometry (Ext) - 2

3D Pythagoras & Trigonometry (Ext) - 3

3D Pythagoras & Trigonometry (Ext) - 4

Bearings (Ext) - MS 3

2D Pythagoras & Trigonometry (SOHCAHTOA) (Ext) - MS 1

2D Pythagoras & Trigonometry (SOHCAHTOA) (Ext) - MS 2

2D Pythagoras & Trigonometry (SOHCAHTOA) (Ext) - MS 3

Sine & Cosine Rule (Ext) - MS 1

Sine & Cosine Rule (Ext) - MS 2

Sine & Cosine Rule (Ext) - MS 3

Sine & Cosine Rule (Ext) - MS 4

Sine & Cosine Rule (Ext) - MS 5

Sine & Cosine Rule (Ext) - MS 6

Sine & Cosine Rule (Ext) - MS 7

Sine & Cosine Rule (Ext) - MS 8

Sine & Cosine Rule (Ext) - MS 9

Sine & Cosine Rule (Ext) - MS 10

Sine & Cosine Rule (Ext) - MS 11

3D Pythagoras & Trigonometry (Ext) - MS 1

3D Pythagoras & Trigonometry (Ext) - MS 2

3D Pythagoras & Trigonometry (Ext) - MS 3

3D Pythagoras & Trigonometry (Ext) - MS 4

Section 7 : Matrices and transformations

Vectors (Ext) - 1

Vectors (Ext) - 2

Vectors (Ext) - 3

Vectors (Ext) - 4

Vectors (Ext) - 5

Vectors (Ext) - 6

Vectors (Ext) - 7

Vectors (Ext) - 8

Vectors (Ext) - 9

Transformations (Reflection, Enlargement, Rotation,
Translation) (Ext) - 1

Transformations (Reflection, Enlargement, Rotation,
Translation) (Ext) - 2

Transformations (Reflection, Enlargement, Rotation,
Translation) (Ext) - 3

Transformations (Reflection, Enlargement, Rotation,
Translation) (Ext) - 4

Transformations (Reflection, Enlargement, Rotation,
Translation) (Ext) - 5

Transformations (Reflection, Enlargement, Rotation,
Translation) (Ext) - 6

Transformations (Reflection, Enlargement, Rotation, Translation) (Ext)

Vectors (Ext) - MS 1

Vectors (Ext) - MS 2

Vectors (Ext) - MS 3

Vectors (Ext) - MS 4

Vectors (Ext) - MS 5

Vectors (Ext) - MS 6

Vectors (Ext) - MS 7

Vectors (Ext) - MS 8

Vectors (Ext) - MS 9

Transformations (Reflection, Enlargement, Rotation, Translation) (Ext) -
MS 1

Transformations (Reflection, Enlargement, Rotation, Translation) (Ext) - MS
2

Transformations (Reflection, Enlargement, Rotation, Translation) (Ext) - MS
3

Transformations (Reflection, Enlargement, Rotation, Translation) (Ext) - MS
4

Transformations (Reflection, Enlargement, Rotation, Translation) (Ext)
- MS 5

Transformations (Reflection, Enlargement, Rotation, Translation) (Ext) - MS
6

Transformations (Reflection, Enlargement, Rotation, Translation) (Ext)

- 7

Transformations (Reflection, Enlargement, Rotation, Translation) (Ext)

- 8

Transformations (Reflection, Enlargement, Rotation, Translation) (Ext) - 9

Transformations (Reflection, Enlargement, Rotation, Translation) (Ext) - 10

Transformations (Reflection, Enlargement, Rotation, Translation) (Ext) - 11

Transformations (Reflection, Enlargement, Rotation, Translation) (Ext) - 12

Transformations (Reflection, Enlargement, Rotation, Translation) (Ext) - 13

Transformations (Reflection, Enlargement, Rotation, Translation) (Ext) - 14

Matrices (Ext) - 1

Matrices (Ext) - 2

Matrices (Ext) - 3

Matrices (Ext) - 4

Matrices (Ext) - 5

Matrices (Ext) - 6

- MS 7

Transformations (Reflection, Enlargement, Rotation, Translation) (Ext) -

MS 8

Transformations (Reflection, Enlargement, Rotation, Translation) (Ext) - MS 9

Transformations (Reflection, Enlargement, Rotation, Translation) (Ext) - MS 10

Transformations (Reflection, Enlargement, Rotation, Translation) (Ext) - MS 11

Transformations (Reflection, Enlargement, Rotation, Translation) (Ext) - MS 12

Transformations (Reflection, Enlargement, Rotation, Translation) (Ext) - MS 13

Transformations (Reflection, Enlargement, Rotation, Translation) (Ext) - MS 14

Matrices (Ext) - 1

Matrices (Ext) - 2

Matrices (Ext) - 3

Matrices (Ext) - 4

Matrices (Ext) - 5

Matrices (Ext) - 6

Section 8 : Probability

Probability (Ext) - 1

Probability (Ext) - 2

Probability (Ext) - 3

Probability (Ext) - 4

Probability (Ext) - 5

Probability (Ext) - 6

Probability (Ext) - 7

Probability (Ext) - 8

Probability (Ext) - 9

Probability (Ext) - 10

Probability (Ext) - 11

Probability (Ext) - MS 1

Probability (Ext) - MS 2

Probability (Ext) - MS 3

Probability (Ext) - MS 4

Probability (Ext) - MS 5

Probability (Ext) - MS 6

Probability (Ext) - MS 7

Probability (Ext) - MS 8

Probability (Ext) - MS 9

Probability (Ext) - MS 10

Probability (Ext) - MS 11

Section 9 : Statistics

Histograms, Bar Charts, Pictograms, Scatter Diagrams & Frequency

Distributions (Ext) - 1

Histograms, Bar Charts, Pictograms, Scatter Diagrams & Frequency

Distributions (Ext) - 2

Histograms, Bar Charts, Pictograms, Scatter Diagrams & Frequency

Distributions (Ext) - 3

Histograms, Bar Charts, Pictograms, Scatter Diagrams & Frequency

Distributions (Ext) - 4

Histograms, Bar Charts, Pictograms, Scatter Diagrams & Frequency

Histograms, Bar Charts, Pictograms, Scatter Diagrams & Frequency

Distributions (Ext) - MS 1

Histograms, Bar Charts, Pictograms, Scatter Diagrams & Frequency

Distributions (Ext) - MS 2

Histograms, Bar Charts, Pictograms, Scatter Diagrams & Frequency

Distributions (Ext) - MS 3

Histograms, Bar Charts, Pictograms, Scatter Diagrams & Frequency

Distributions (Ext) - MS 4

Histograms, Bar Charts, Pictograms, Scatter Diagrams & Frequency

Distributions (Ext) - 5

Mean/Median/Mode/Range (Ext) - 1

Mean/Median/Mode/Range (Ext) - 2

Mean/Median/Mode/Range (Ext) - 3

Mean/Modal Class - Grouped Data (Ext) - 1

Mean/Modal Class - Grouped Data (Ext) - 2

Mean/Modal Class - Grouped Data (Ext) - 3

Mean/Modal Class - Grouped Data (Ext) - 4

Cumulative Frequency & Frequency Density Diagrams (Ext) - 1

Cumulative Frequency & Frequency Density Diagrams (Ext) - 2

Cumulative Frequency & Frequency Density Diagrams (Ext) - 3

Cumulative Frequency & Frequency Density Diagrams (Ext) - 4

Cumulative Frequency & Frequency Density Diagrams (Ext) - 5

Cumulative Frequency & Frequency Density Diagrams (Ext) - 6

Cumulative Frequency & Frequency Density Diagrams (Ext) - 7

Cumulative Frequency & Frequency Density Diagrams (Ext) - 8

Cumulative Frequency & Frequency Density Diagrams (Ext) - 9

Correlation (Ext) - 1

Distributions (Ext) - MS 5

Mean/Median/Mode/Range (Ext) - MS 1

Mean/Median/Mode/Range (Ext) - MS 2

Mean/Median/Mode/Range (Ext) - MS 3

Mean/Modal Class - Grouped Data (Ext) - MS 1

Mean/Modal Class - Grouped Data (Ext) - MS 2

Mean/Modal Class - Grouped Data (Ext) - MS 3

Mean/Modal Class - Grouped Data (Ext) - MS 4

Cumulative Frequency & Frequency Density Diagrams (Ext) - MS 1

Cumulative Frequency & Frequency Density Diagrams (Ext) - MS 2

Cumulative Frequency & Frequency Density Diagrams (Ext) - MS 3

Cumulative Frequency & Frequency Density Diagrams (Ext) - MS 4

Cumulative Frequency & Frequency Density Diagrams (Ext) - MS 5

Cumulative Frequency & Frequency Density Diagrams (Ext) - MS 6

Cumulative Frequency & Frequency Density Diagrams (Ext) - MS 7

Cumulative Frequency & Frequency Density Diagrams (Ext) - MS 8

Cumulative Frequency & Frequency Density Diagrams (Ext) - MS 9

Correlation (Ext) - MS 1

Old Worksheets Questions by Topic

Section 1: Number

Core:

Number Basics (HCF/LCM, Prime numbers, Sig Figs) - CORE
Square & Cube Numbers - CORE
Conversion - Percentages, Fractions & Decimals - CORE
Order by Size - CORE
Standard Form - CORE
Addition/Subtraction/Multiplication/Division of Fractions & Decimals - CORE
Estimation - CORE
Bounds - CORE
Ratios (inc scales) - CORE
Percentages - CORE
Using a calculator - CORE
Time - CORE
Currency Conversions - CORE
Finance Problems - CORE
Exponential Growth/Decay (inc Compound Interest) - CORE

Extension:

Number Basics (HCF/LCM, Prime numbers, Sig Figs) - EXT

Mark Schemes

Number Basics (HCF/LCM, Prime numbers, Sig Figs) - CORE MS
Square & Cube Numbers CORE MS
Conversion - Percentages, Fractions & Decimals - CORE MS
Order by Size - CORE MS
Standard Form - CORE MS
Addition/Subtraction/Multiplication/Division of Fractions & Decimals - CORE MS
Estimation - CORE MS
Bounds - CORE MS
Ratios (inc scales) - CORE MS
Percentages - CORE MS
Using a calculator - CORE MS
Time - CORE MS
Currency Conversions - CORE MS
Finance Problems - CORE MS
Exponential Growth/Decay (inc Compound Interest) - CORE MS

Number Basics (HCF/LCM, Prime numbers, Sig Figs) - EXT MS

Sets & Venn Diagrams - EXT

Square & Cube Numbers - EXT

Conversion - Percentages, Fractions & Decimals - EXT

Standard Form - EXT

Addition/Subtraction/Multiplication/Division of Fractions & Decimals -
EXT

Bounds - EXT

Ratios (inc scales) - EXT

Percentages - EXT

Using a calculator - EXT

Time - EXT

Currency Conversions - EXT

Finance Problems - EXT

Exponential Growth & Decay (inc Compound Interest) - EXT

Sets & Venn Diagrams - EXT MS

Square & Cube Numbers EXT MS

Conversion - Percentages, Fractions & Decimals - EXT MS

Standard Form - EXT MS

Addition/Subtraction/Multiplication/Division of Fractions & Decimals -
EXT MS

Bounds - EXT MS

Ratios (inc scales) - EXT MS

Percentages - EXT MS

Using a calculator - EXT MS

Time - EXT MS

Currency Conversions - EXT MS

Finance Problems - EXT MS

Exponential Growth & Decay (inc Compound Interest) - EXT MS

Section 2: Algebra and Graphs

Core:

Using Algebra to Solve Problems - CORE

Algebraic Fractions - CORE

Indices - CORE

Linear Equations - CORE

Simultaneous Linear Equations - CORE

Using Algebra to Solve Problems - CORE MS

Algebraic Fractions - CORE MS

Indices - CORE MS

Linear Equations - CORE MS

Simultaneous Linear Equations - CORE MS

Linear Inequalities - CORE

Quadratic Equations - CORE

Sequences & nth Term - CORE

Direct/Inverse Proportionality - CORE

Kinematics, Distance-Time & Speed-Time Graphs - CORE

Constructing Graphs & Solving Equations Graphically - CORE

Tangents & Gradients - CORE

Functions - CORE

Extension:

Using Algebra to Solve Problems - EXT

Factorisation (Linear) - EXT

Algebraic Fractions - EXT

Indices - EXT

Linear Equations - EXT

Simultaneous Linear Equations - EXT

Linear Inequalities - EXT

Quadratic Equations - EXT

Graphical Inequalities - EXT

Sequences & nth Term - EXT

Direct/Inverse Proportionality - EXT

Kinematics, Distance-Time & Speed-Time Graphs - EXT

Constructing Graphs & Solving Equations Graphically - EXT

Linear Inequalities - CORE MS

Quadratic Equations - CORE MS

Sequences & nth Term - CORE MS

Direct/Inverse Proportionality - CORE MS

Kinematics, Distance-Time & Speed-Time Graphs - CORE MS

Constructing Graphs & Solving Equations Graphically - CORE MS

Tangents & Gradients - CORE MS

Functions - CORE MS

Using Algebra to Solve Problems - EXT MS

Factorisation (Linear) - EXT MS

Algebraic Fractions - EXT MS

Indices - EXT MS

Linear Equations - EXT MS

Simultaneous Linear Equations - EXT MS

Linear Inequalities - EXT MS

Quadratic Equations - EXT MS

Graphical Inequalities - EXT MS

Sequences & nth Term - EXT MS

Direct/Inverse Proportionality - EXT MS

Kinematics, Distance-Time & Speed-Time Graphs - EXT MS

Constructing Graphs & Solving Equations Graphically - EXT MS

Tangents & Gradients - EXT MS

Tangents & Gradients - EXT

Functions - EXT

Functions - EXT MS

Section 3: Geometry

Core:

Properties of Shapes - CORE

Construction - CORE

Similarity - CORE

Symmetry (inc. Circles) - CORE

Angles (Circles, Quadrilaterals, Polygons & Triangles) - CORE

Properties of Shapes - CORE MS

Construction - CORE MS

Similarity - CORE MS

Symmetry (inc. Circles) - CORE MS

Angles (Circles, Quadrilaterals, Polygons & Triangles) - CORE MS

Extension:

Properties of Shapes - EXT

Construction - EXT

Similarity - EXT

Angles (Circles, Quadrilaterals, Polygons & Triangles) - EXT

Loci - EXT

Properties of Shapes - EXT MS

Construction - EXT MS

Similarity - EXT MS

Angles (Circles, Quadrilaterals, Polygons & Triangles) - EXT MS

Loci - EXT MS

Section 4: Mensuration (Perimeters, Areas & Volumes)

Core:

2D Shapes: Perimeters & Areas - CORE

Circle Problems (Area, Circumference, Arcs) - CORE

3D Shapes: Volumes & Surface Areas - CORE

2D Shapes: Perimeters & Areas - CORE MS

Circle Problems (Area, Circumference, Arcs) - CORE MS

3D Shapes: Volumes & Surface Areas - CORE MS

Extension:

2D Shapes: Perimeters & Areas - EXT

Circle Problems (Area, Circumference, Arcs) - EXT

3D Shapes: Volumes & Surface Areas - EXT

2D Shapes: Perimeters & Areas - EXT MS

Circle Problems (Area, Circumference, Arcs) - EXT MS

3D Shapes: Volumes & Surface Areas - EXT MS

Section 5: Co-ordinate Geometry

Core:

Equations of a Line (gradients, mid-points, perpendicular & parallel lines) -
CORE

Equations of a Line (gradients, mid-points, perpendicular & parallel lines) -
CORE MS

Extension:

Equations of a Line (gradients, mid-points, perpendicular & parallel lines) -
EXT

Equations of a Line (gradients, mid-points, perpendicular & parallel lines) -
EXT MS

Section 6: Trigonometry

Core:

Bearings - CORE

2D Pythagoras & Trigonometry (SOHCAHTOA) - CORE

Bearings - CORE MS

2D Pythagoras & Trigonometry (SOHCAHTOA) - CORE MS

Extension:

Bearings - EXT

2D Pythagoras & Trigonometry (SOHCAHTOA) - EXT

Sine & Cosine Rule - EXT

3D Pythagoras & Trigonometry - EXT

Bearings - EXT MS

2D Pythagoras & Trigonometry (SOHCAHTOA) - EXT MS

Sine & Cosine Rule - EXT MS

3D Pythagoras & Trigonometry - EXT MS

Section 7: Matrices & Transformations

Core:

Vectors - CORE

Transformations (Reflection, Enlargement, Rotation, Translation) -
CORE

Vectors - CORE MS

Transformations (Reflection, Enlargement, Rotation, Translation) - CORE
MS

Extension:

Vectors - EXT

Transformations (Reflection, Enlargement, Rotation, Translation) - EXT

Matrices - EXT

Vectors - EXT MS

Transformations (Reflection, Enlargement, Rotation, Translation) - EXT MS

Matrices - EXT MS

Section 8: Probability

Core:

Probability - CORE

Probability - CORE MS

Extension:

Probability - EXT

Probability - EXT MS

Section 9: Statistics

Core:

Mean/Median/Mode/Range - CORE

Mean/Modal Class - Grouped Data - CORE

Correlation - CORE

Mean/Median/Mode/Range - CORE MS

Mean/Modal Class - Grouped Data - CORE MS

Correlation - CORE MS

Extension:

Histograms, Bar Charts, Pictograms, Scatter Diagrams & Frequency

Distributions - EXT

Mean/Median/Mode/Range - EXT

Mean/Modal Class - Grouped Data - EXT

Cumulative Frequency & Frequency Density Diagrams - EXT

Histograms, Bar Charts, Pictograms, Scatter Diagrams & Frequency

Distributions - EXT MS

Mean/Median/Mode/Range - EXT MS

Mean/Modal Class - Grouped Data - EXT MS

Cumulative Frequency & Frequency Density Diagrams - EXT MS
