





							Use, Multiply and divide by numbers in index form	Use, Multiply and divide by numbers in index form	Use, Multiply and divide by numbers in index form
								Use index notation including powers of zero and brackets	Use index notation including powers of zero and brackets
									Use index notation including negative indices
Transformations	Identify lines of symmetry in a 2d shapes	Identify lines of symmetry in a 2d shapes	Identify lines of symmetry in a 2d shapes	Identify lines of symmetry in a 2d shapes	Identify lines of symmetry in a 2d shapes	Identify lines of symmetry in a 2d shapes	Identify lines of symmetry in a 2d shapes	Identify lines of symmetry in a 2d shapes	Identify lines of symmetry in a 2d shapes
		Identify rotational symmetry in a 2d shape	Identify rotational symmetry in a 2d shape	Identify rotational symmetry in a 2d shape	Identify rotational symmetry in a 2d shape	Identify rotational symmetry in a 2d shape	Identify rotational symmetry in a 2d shape	Identify rotational symmetry in a 2d shape	Identify rotational symmetry in a 2d shape
		Understand and apply tessellations to shapes	Understand and apply tessellations to shapes	Understand and apply tessellations to shapes	Understand and apply tessellations to shapes	Understand and apply tessellations to shapes	Understand and apply tessellations to shapes	Understand and apply tessellations to shapes	Understand and apply tessellations to shapes
		Reflect shapes in a mirror line.	Reflect shapes in a mirror line.	Reflect shapes in a mirror line.	Reflect shapes in a mirror line.	Reflect shapes in a mirror line.	Reflect shapes in a mirror line.	Reflect shapes in a mirror line.	Reflect shapes in a mirror line.
			Transform a shape by translation in words	Transform a shape by translation in words	Transform a shape by translation in words	Transform a shape by translation in words	Transform a shape by translation in words	Transform a shape by translation in words	Transform a shape by translation in words
				Transform a shape by translation using vector notation	Transform a shape by translation using vector notation	Transform a shape by translation using vector notation	Transform a shape by translation using vector notation	Transform a shape by translation using vector notation	Transform a shape by translation using vector notation
				Rotate a shape around a point	Rotate a shape around a point	Rotate a shape around a point	Rotate a shape around a point	Rotate a shape around a point	Rotate a shape around a point
				Enlarge 2d shapes with a positive whole number scale factor	Enlarge 2d shapes with a positive whole number scale factor	Recognise & describe translations	Recognise & describe translations	Recognise & describe translations	Recognise & describe translations
					Recognise & describe translations	Recognise & describe reflections	Recognise & describe reflections	Recognise & describe reflections	Recognise & describe reflections
					Recognise & describe reflections	Enlarge 2d shapes with a positive whole number scale factor	Enlarge 2d shapes with a positive whole number scale factor	Enlarge 2d shapes with a positive whole number scale factor	Enlarge 2d shapes with a positive whole number scale factor
						Transform 2d shapes using a combination of transformations.	Transform 2d shapes using a combination of transformations.	Recognise & describe rotations	Recognise & describe rotations
						Enlarge 2d shapes from a given centre of enlargement.	Enlarge 2d shapes from a given centre of enlargement.	Transform 2d shapes using a combination of transformations.	Transform 2d shapes using a combination of transformations.
							Recognise & describe rotations	Enlarge 2d shapes from a given centre of enlargement.	Enlarge 2d shapes from a given centre of enlargement.
							Describe enlargements with a positive scale factor.	Describe enlargements with a positive scale factor.	Describe enlargements with a positive scale factor.
								Enlarge 2d shapes with a fractional scale factor	Enlarge 2d shapes with a fractional scale factor
								Enlarge 2d shapes with a negative scale factor	
fractions	Use fractions to describe parts of a whole, including improper fractions	Use fractions to describe parts of a whole, including improper fractions	Use fractions to describe parts of a whole, including improper fractions	Use fractions to describe parts of a whole, including improper fractions	Use fractions to describe parts of a whole, including improper fractions	Use fractions to describe parts of a whole, including improper fractions	Use fractions to describe parts of a whole, including improper fractions	Use fractions to describe parts of a whole, including improper fractions	Use fractions to describe parts of a whole, including improper fractions
		Identify equivalent fractions	Identify equivalent fractions	Identify equivalent fractions	Identify equivalent fractions	Express one number as a fraction of another	Express one number as a fraction of another	Express one number as a fraction of another	Express one number as a fraction of another
			Simplify a fraction	Simplify a fraction	Simplify a fraction	Identify equivalent fractions	Identify equivalent fractions	Identify equivalent fractions	Identify equivalent fractions
			Add & Subtract fractions with the same denominators	Add & Subtract fractions with the same denominators	Add & Subtract fractions with the same denominators	Simplify a fraction	Simplify a fraction	Simplify a fraction	Simplify a fraction
				Convert between improper fractions and Mixed numbers	Convert between improper fractions and Mixed numbers	Add & Subtract fractions with the same denominators	Add & Subtract fractions with the same denominators	Add & Subtract fractions with the same denominators	Add & Subtract fractions with the same denominators
				Find a fraction of a quantity	Find a fraction of a quantity	Convert between improper fractions and Mixed numbers	Convert between improper fractions and Mixed numbers	Convert between improper fractions and Mixed numbers	Convert between improper fractions and Mixed numbers
					Order fractions	Find a fraction of a quantity	Find a fraction of a quantity	Find a fraction of a quantity	Find a fraction of a quantity
					Convert between percentages, fractions & decimals	Order fractions	Order fractions	Order fractions	Order fractions
					Convert between percentages, fractions & decimals	Convert between percentages, fractions & decimals	Convert between percentages, fractions & decimals	Convert between percentages, fractions & decimals	

					Add & subtract fractions with different denominators	Add & subtract fractions with different denominators	Add & subtract fractions with different denominators	Add & subtract fractions with different denominators
					Use a calculator to solve fraction problems	Use a calculator to solve fraction problems	Use a calculator to solve fraction problems	Use a calculator to solve fraction problems
					Multiply fractions	Multiply fractions	Multiply fractions	Multiply fractions
					Divide fractions	Divide fractions	Divide fractions	Divide fractions
					Express one number as a fraction of another	Express one number as a fraction of another	Express one number as a fraction of another	Express one number as a fraction of another
							Add & Subtract Mixed Numbers	Find reciprocals
							Multiply Mixed Numbers	Add & Subtract Mixed Numbers
							Divide Mixed Numbers	Multiply Mixed Numbers
								Divide Mixed Numbers
			Measure and draw a line accurately	Measure and draw a line accurately	Measure and draw a line accurately	Measure and draw a line accurately	Measure and draw a line accurately	Measure and draw a line accurately
Measure and draw a line accurately	Measure and draw a line accurately	Measure and draw a line accurately	Measuring and draw angles accurately	Measuring and draw angles accurately	Measuring and draw angles accurately	Measuring and draw angles accurately	Measuring and draw angles accurately	Measuring and draw angles accurately
Classify all 2d shapes	Accurately drawing circles and parts with a compass	Measuring and draw angles accurately	Accurately drawing circles and parts with a compass	Accurately drawing circles and parts with a compass	Accurately drawing circles and parts with a compass	Accurately drawing circles and parts with a compass	Accurately drawing circles and parts with a compass	Accurately drawing circles and parts with a compass
	Classify all 2d shapes	Accurately drawing circles and parts with a compass	Read & use compass points	Read & use compass points	Read & use compass points	Read & use compass points	Read & use compass points	Read & use compass points
		Read & use compass points	Classify all 2d shapes	Classify all 2d shapes	Classify all 2d shapes	Classify all 2d shapes	Classify all 2d shapes	Classify all 2d shapes
		Classify all 2d shapes	To understand & apply properties of triangles	To understand & apply properties of triangles	To understand & apply properties of triangles	To understand & apply properties of triangles	To understand & apply properties of triangles	To understand & apply properties of triangles
			To understand & apply properties of quadrilaterals	To understand & apply properties of quadrilaterals	To understand & apply properties of quadrilaterals	To understand & apply properties of quadrilaterals	To understand & apply properties of quadrilaterals	To understand & apply properties of quadrilaterals
				Construct triangles given 2 angles and a side	Construct triangles given 2 angles and a side	Construct triangles given 2 angles and a side	Construct triangles given 2 angles and a side	Construct triangles given 2 angles and a side
				Construct a triangle given 3 sides	Construct a triangle given 3 sides	Construct a triangle given 3 sides	Construct a triangle given 3 sides	Construct a triangle given 3 sides
				Construct a triangle given 2 sides and an angle	Construct a triangle given 2 sides and an angle	Construct a triangle given 2 sides and an angle	Construct a triangle given 2 sides and an angle	Construct a triangle given 2 sides and an angle
					Use & interpret maps and scale drawings	Use & interpret maps and scale drawings	Use & interpret maps and scale drawings	Use & interpret maps and scale drawings
					Use a scale to construct an accurate drawing	Use a scale to construct an accurate drawing	Construct perpendicular & angle bisectors	Construct perpendicular & angle bisectors
					Construct perpendicular & angle bisectors	Construct perpendicular & angle bisectors	Use a scale to construct an accurate drawing	Use a scale to construct an accurate drawing
						Construct perpendicular bisectors from a point to a line	Construct perpendicular bisectors from a point to a line	Construct perpendicular bisectors from a point to a line
						Construct perpendicular bisectors from a point on a line	Construct perpendicular bisectors from a point on a line	Construct perpendicular bisectors from a point on a line
							Construct loci	understand the properties of loci
								Construct loci
								Draw a locus of a point from a give rule
Use letter symbols to represent unknown numbers	Use letter symbols to represent unknown numbers	Use letter symbols to represent unknown numbers	Use letter symbols to represent unknown numbers	Use letter symbols to represent unknown numbers	Use letter symbols to represent unknown numbers	Use letter symbols to represent unknown numbers	Use letter symbols to represent unknown numbers	Use letter symbols to represent unknown numbers
	Substitute positive whole numbers into expressions & formulae	Simplify algebraic expressions by collecting like terms	Simplify algebraic expressions by collecting like terms	Simplify algebraic expressions by collecting like terms	Simplify algebraic expressions by collecting like terms	Simplify algebraic expressions by collecting like terms	Simplify algebraic expressions by collecting like terms	Simplify algebraic expressions by collecting like terms
		Substitute positive whole numbers into expressions & formulae	Substitute positive whole numbers into expressions & formulae	Substitute positive whole numbers into expressions & formulae	Substitute positive whole numbers into expressions & formulae	Substitute positive whole numbers into expressions & formulae	Substitute positive whole numbers into expressions & formulae	Substitute positive whole numbers into expressions & formulae
		Write an expressions from a worded statements	Write an expressions from a worded statements	Write an expressions from a worded statements	Write an expressions from a worded statements	Write an expressions from a worded statements	Write an expressions from a worded statements	Write an expressions from a worded statements
		Expand a single bracket such as $3(x + 2)$	Expand a single bracket such as $3(x + 2)$	Expand a single bracket such as $3(x + 2)$	Expand a single bracket such as $3(x + 2)$	Expand a single bracket such as $3(x + 2)$	Expand a single bracket such as $3(x + 2)$	Expand a single bracket such as $3(x + 2)$



