

Number properties

- **Multiples of whole numbers**
- Factors of whole numbers
- Prime numbers
- Prime factors, LCM and HCF
- Square numbers
- **Square roots**
- Basic calculations on a calculator

Decimals and fractions

- Calculating with decimals
- Fractions and reciprocals
- Writing one quantity as a fraction of another
- Adding and subtracting fractions
- **Multiplying and dividing fractions**
- Fractions on a calculator

Angles

- **Angles facts**
- **Triangles**
- Angles in a polygon
- Regular polygons
- Angles in parallel lines
- Special quadrilaterals
- **Bearings**

Expressions and formula

- Basic algebra
- Substitution
- **Expanding brackets**
- **Factorisation**
- Quadratic expansion
- Quadratic factorisation
- Changing the subject of a formula

Perimeter and area

- Rectangles
- Compound shapes
- Area of a triangle
- Area of a parallelogram
- Area of a trapezium
- Circles
- The area of a circle
 - Answers in terms of π