



4. Number - fractions (including decimals and percentages)

- a. Can compare and order fractions whose denominators are multiples of the same number
- b. Can identify, name and write equivalent fractions of a given fraction, represented visually
- c. Can recognise mixed numbers and improper fractions
- d. Can convert from mixed numbers to improper fractions and from improper fractions to mixed numbers
- e. Can add fractions with the same denominator and denominators that are multiples of the same number
- f. Can subtract fractions with the same denominator and denominators that are multiples of the same number
- g. Can multiply proper fractions and mixed numbers by whole numbers using diagrams, bar models and/or fraction pieces
- h. Can read and write decimal numbers as fractions e.g. $0.71 = 71/100$
- i. Can recognise and use hundredths
- j. Can round decimals with 2 decimal places to the nearest whole number and to one decimal place
- k. Can read, write, order and compare numbers with up to three decimal places
- l. Can solve problems involving numbers up to three decimal places
- m. Can recognise the % symbol and understand that it relates to the number of parts per hundred
- n. Can write percentages as fractions with denominator 100 as part of a decimal
- o. Can understand that percentages, decimals and fractions are different ways of expressing proportion
- p. Can solve problems which require knowing percentage, decimal and fraction equivalence for $1/2$, $1/4$, fifths and multiples of 10 or 25

5. Measures

- a. Can convert between different units of metric measures, using place value
- b. Can understand and use equivalence between metric and imperial units of measure, such as inches, pounds and pints
- c. Can measure and calculate the perimeter of composite rectilinear shapes, including squares
- d. Can measure and calculate the area of a rectangle, including a square
- e. Can estimate the area of an irregular shape
- f. Can estimate volume
- g. Can estimate capacity
- h. Can solve problems involving converting units of time
- i. Can use all four operations to solve problems involving measure

6. Geometry - properties of shape

- a. Can identify 3D shapes from 2D representations
- b. Can estimate and compare acute, obtuse and reflex angles
- c. Can draw angles
- d. Can identify angles at a point and one whole turn (360°)
- e. Can identify angles at a point on a straight line and $1/2$ a turn (180°)
- f. Can use properties of rectangles, including diagonals, to deduce related facts and find missing lengths and angles
- g. Can distinguish between regular and irregular polygons based on reasoning round equal sides and angles
- h. Can solve problems involving angles

