

Y4 Skills: Maths

Read, write, solve problems and round any number up to 1000 (including decimals with 1dp), find 1000 more or less than a given number. Order and compare numbers beyond 1000

$$\text{e.g. } 1275 = 1000 + 200 + 70 + 5$$

Round 845 to the nearest 10, 100 and 1000

Add and subtract 2-step problems using column addition and subtraction

e.g. For his class party Ryan spends £2.82 on cake, £3.38 on juice and £3.76 on sausage rolls. Will a £10 note be enough to cover the cost?

Recall multiplication and division facts for multiplication tables up to 12×12 . Use known facts to multiply and divide mentally, including the effect of multiplying and dividing by 10 and 100. Multiply two-digit and three-digit numbers by a 1-digit number using formal written method

e.g.

	58
x	8
	400
	64
	464

	58
x	8
	464

Recognise and show using diagrams, families of common equivalent fractions

e.g. Know which fraction is the first one in the family (lowest numerator and denominator possible)

$5/25$ is from the fifths ($1/5$) family

Solve problems involving fractions to calculate quantities, including adding and subtracting fractions with the same denominator and writing decimal equivalents of tenths, hundredths and to

e.g. Sam and Alisha both eat $5/8$ of their own pizza. How much have they eaten altogether?

5 hundredths can be written as $5/100$ or 0.05

Solve problems involving; measures (including converting units of measure), money, time (analogue, digital, 24 hour, fractions, decimals to 2dp

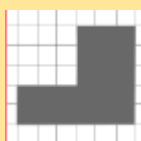
e.g. write 5678ml in litres

How many minutes in $1\frac{1}{2}$ hours?

Which is the most; a large 0.145kg bar of chocolate or 5 small bars that are 30g each?

Measure and calculate the perimeter of rectilinear shapes

e.g.



The perimeter of this quadrangle is 40m. What could the length of its sides be assuming each side is in whole metres only?

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Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes
 e.g. name and sort triangles by their properties including equilateral, isosceles, right-angles and scalene triangles
 e.g. sort 2D and 3D shapes using criteria such as regular/irregular, parallel lines, number of edges, concave/convex, shapes of faces and number of vertices

Identify lines of symmetry in 2D shapes presented in different orientations

e.g. draw a hexagon with no lines/one line/two lines of symmetry

Identify acute, obtuse angles and compare and order angles up to two right angles in size.

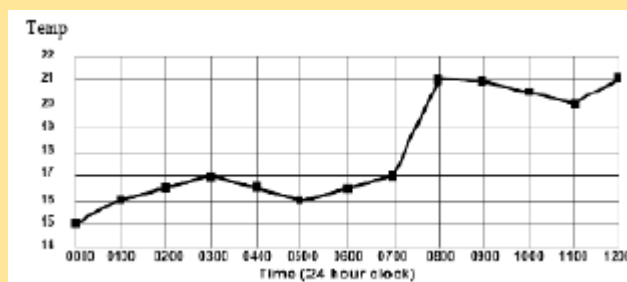
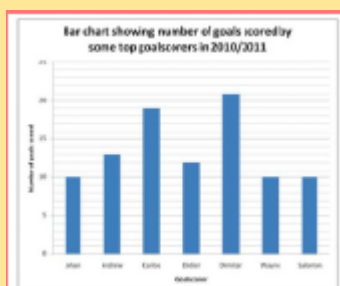
e.g. find the maximum number of right angles that could be in a triangle, a quadrilateral, pentagon

Interpret data and present discrete and continuous data using appropriate methods, including bar charts, time graphs, pictograms, tables and other graphs

e.g.

How many more goals did Dimitar score than Didier?

Which hour shows the biggest rise in temperature?



Plot specified points and draw sides to complete a given polygon

e.g. On a grid, can you plot a triangle with a line of symmetry that does not have a right angle?

Give the co-ordinates to a friend to check