

Y2 Skills: Maths

Recognise the place value of each digit in a two-digit number. Read, write (numbers and words), partition, compare and order numbers up to 100, including the use of $<$ $>$ $=$

e.g. Fill the numbers that make sense

$$___ > ___ < ___ = ___$$

Solve problems with addition, subtraction using concrete objects, pictorial representation, mental and written methods and use estimation to check their answers

e.g. adding or subtracting 2 two-digit numbers ($48 + 35$ and know that this will be less than 100)

Use number bonds and related subtraction facts up to 20 and related facts to 100

$$\text{e.g. } 18 + 9 = ? \quad 15 = 6 + ?$$

Recognise and use the inverse between addition and subtraction and use this to check calculations and work out missing number problems

$$\text{e.g. } _____ - 14 = 28$$

Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers demonstrating an understanding of commutativity and using these to solve problems

e.g. Knowing that you can make 8 groups of 5 from 40 blocks and writing $40 \div 5 = 8$. Write down 4 calculations that have only the trio of numbers 8, 2 and 4 in them.

Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity.

e.g. $\frac{1}{2}$ of 6 = 3. You have 60p, one third of your money will buy a ball. How much does a ball cost?

Estimate, measure and compare length (m/cm), mass (kg/g), temperature, capacity (l/ml) using rulers, scales, thermometers and measuring vessels.

e.g. estimate how much a can of cola can hold

James is taller than Mohammed but shorter than Angela. Is this true?

Solve simple problems involving money, including giving change, combining amounts to make particular value and finding different combinations of coins that equal the same amounts of money.

e.g. How many £2 coins are needed to exchange for a £20 note?

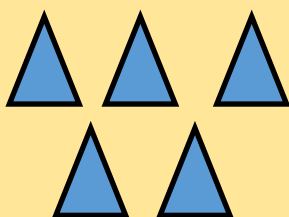
Pay for an item worth 33p with only 20p coins and take change in least coins possible

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Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times. Compare and sequence intervals of time.

e.g. Say how long playtime lasts by counting in 5 minute steps

Identify, describe, compare and sort common 2D shapes and 3D shapes



e.g.

Here are 5 triangles the same size. Use some or all of the triangles to make a bigger triangle.

Is there another way to do it?

Use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns.

e.g. Mark out a square. Establish its shape by discussing its properties. Give instructions to walk around it using language such as turning (clockwise/anti-clockwise) in quarter turns, walking in straight lines

Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.

e.g. How many people prefer reading to drawing?