

MATHS

NO PROBLEM!



- ONLY textbook, recommended by the DfE's expert panel, written to meet the requirements of the 2014 National Curriculum.
- Emphasis is on problem solving and comprehension, allowing students to relate what they learn and to connect knowledge.

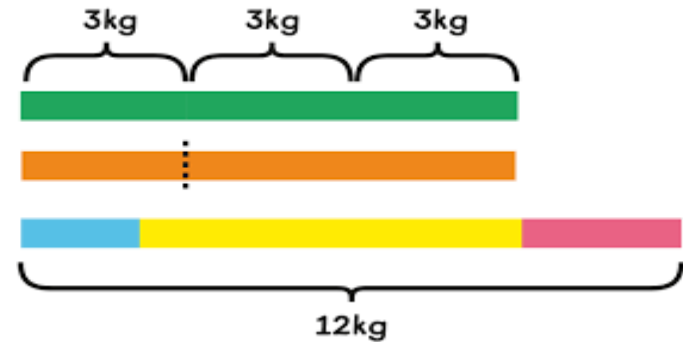


- Teaching mastery offers all pupils access to the full maths curriculum. This inclusive approach, and its emphasis on promoting multiple methods of solving a problem, builds self-confidence and resilience in pupils.



CPA APPROACH.

- Concrete is the “doing” stage, using concrete objects to model problems.
- Pictorial is the “seeing” stage, using representations of the objects to model problems.
- Abstract is the “symbolic” stage, where children are able to use abstract symbols to model problems.



$$\begin{array}{r} 789 \\ \times 478 \\ \hline \end{array}$$

in 5 seconds

What makes up a lesson?

- A Math's No Problem lesson consists of 5 main sections.
- Each section is important and is included in the daily lesson.



Journal Requirements

Title – Children can decide on a suitable title, or you can provide it.

Lesson Number and date

The image shows a Samsung tablet displaying a handwritten journal page. The page is titled "Journal" in red. Below the title, there are fields for "Lesson" and "Date". The problem is written as $7 + 3 + 2 =$ with a box around the equals sign and a shaded square. The solution is shown as $7 + 3 + 2 = 10 + 2$, with a cloud labeled "make ten" pointing to the 10. Below this, there is a section titled "Our Ideas" with several strategies: "make sixes", "make fours", "make threes", and "make twos". The page also includes a "Problem" section with the equation $7 + 3 + 2 =$ and a "make ten" strategy diagram.

Evidence of the chosen method used to answer the 'In Focus' (Explore) question - all working out must be shown.

Purposeful talk is important.

By explaining their thinking, children can show their understanding of number processes and concepts. They also learn that they have to work to make their own reasoning clear.

Get kids to....
TALK MATH



Percentage

Chapter 7

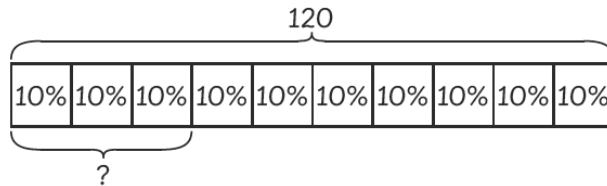
Name: _____ Class: _____ Date: _____

Worksheet 1

Finding a Percentage of a Number

Find the value of each of the following.

1 30% of 120



2 60% of 300

3 70% of 65

Year 6 percentages

The theory behind

There are a collection of videos on our website which show the Maths strategies that our teachers use.

