

MATHS

NO PROBLEM!



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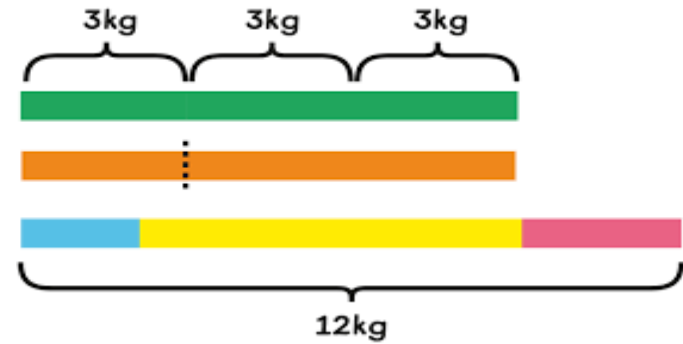


- Teaching mastery offers all pupils access to the full maths curriculum. This inclusive approach, and its emphasis on promoting multiple methods of solving a problem, builds self-confidence and resilience in pupils



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 Maths 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 thought bubble containing "10" and a larger thought bubble containing "make ten". To the right, there is a section titled "Our Ideas" with several strategies: "make sixes", "count on", "make fours", "make fives and more", "make threes", and "make twos". Each strategy is accompanied by a small drawing of a cloud or a number.

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

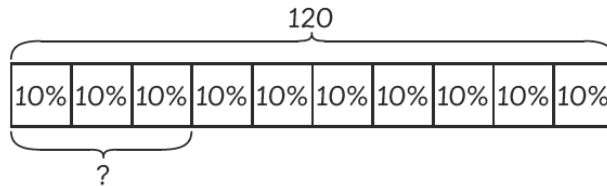
Name: _____ Class: _____ Date: _____

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

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There is a collection of videos on their website which show the strategies our teachers use:

<https://mathsnoproblem.com/en/the-maths/teaching-methods/>

