MATHEMATICS · KINDERGARTEN TO GRADE 3

Single-digit addition

Difficulty level: Easy

Mathematics: Kindergarten to Grade 3

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Overview of the concept

This is how you add small numbers in your head, like counting the apples in two baskets or working out the total at the till, fast enough that bigger sums never slow you down. Every bigger addition is built out of these small ones, so knowing them by heart keeps the whole calculation moving. When the small sums are instant, you can hold the rest of the problem in your head without losing track. That speed is what makes mental maths feel easy instead of tiring.



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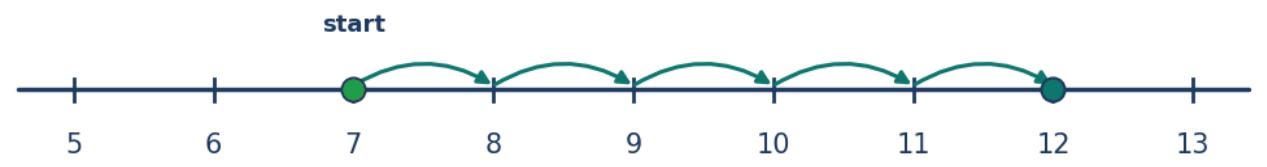
Worked examples

EXAMPLE 1

Q $7 + 5 = ?$



SOLUTION

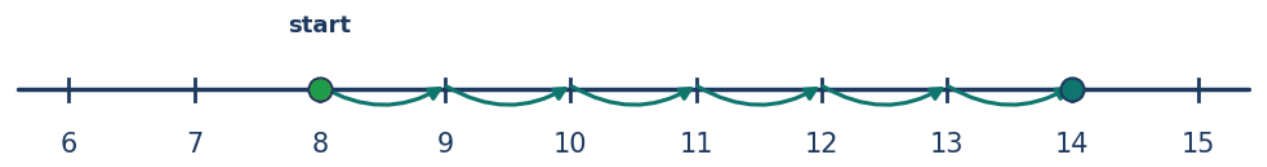
Start at 7.

Count on 5 more: 8, 9, 10, 11, 12.

So 7 + 5 = 12

EXAMPLE 2

Q $8 + 6 = ?$



SOLUTION

Start at 8.

Count on 6 more: 9, 10, 11, 12, 13, 14.

So 8 + 6 = 14

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Practice questions

1 Work out 6 + 4 on the number line. What is the total?



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2 The jumps start at 9 and end on 12. How many jumps are there?



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3 One big jump goes from 5 to 10. How many spaces does the jump cover?

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4 The jumps end on 14. Count back along the jumps. What number did they start from?



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5 Ana scores 8 points, then 4 more points. How many points does she have?



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6 The jumps start at 9 and go on 9 jumps. Where do they end?



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7 One big jump starts at 3 and covers 8 spaces. Where does it land?

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8 Work out the missing number: 6 + ___ = 13.



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9 The jumps start at 13 and go back 9 jumps. Where do they end?



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10 Leo reads 2 pages, then some more pages, and has read 11 pages in total. How many more pages did he read?



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ANSWER KEY

1. 10

2. 3

3. 5

4. 7

5. 12

6. 18

7. 11

8. 7

9. 4

10. 9

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