MATHEMATICS · KINDERGARTEN TO GRADE 3

Addition facts to 10 and 20

Difficulty level: Easy

Mathematics: Kindergarten to Grade 3

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Overview of the concept

This is how you add small numbers instantly in your head. Counting change, keeping score in a game, or adding up items in a shopping basket all need quick small sums, not written working. When these facts are automatic, your brain is free to think about the bigger problem instead of the arithmetic.



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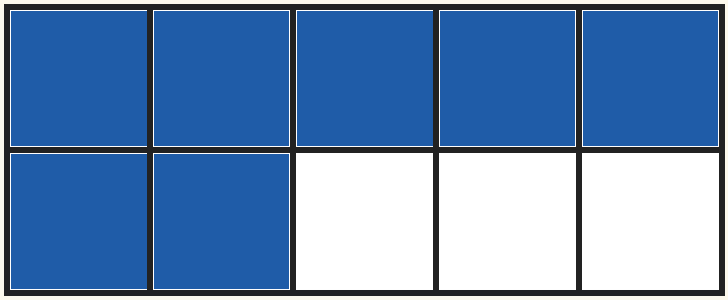
Worked examples

EXAMPLE 1

Q What pairs make 10? 7 + 3



7 filled, 3 empty

SOLUTION

7 + ___ = 10

10 – 7 = 3

3 more, so 7 + 3 = 10

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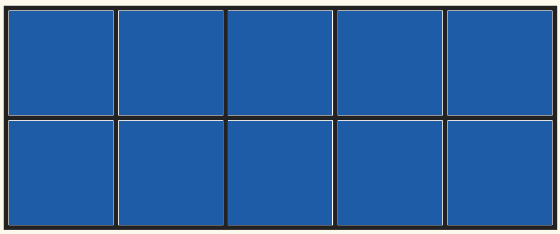
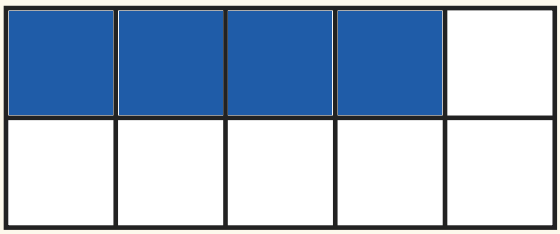
EXAMPLE 2

Q What pairs make 20? 14 + 6



10



4 filled, 6 empty

SOLUTION

14 + ___ = 20

20 – 14 = 6

6 more, so 14 + 6 = 20

Practice questions

1 Maya packs eggs into a carton that holds 10. She has put in 8 eggs. How many more eggs does she need to fill the carton?

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2 What is 4 + 6?

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3 A box of crayons holds 20. Tom has 16 crayons in the box. How many more crayons fit in the box?

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4 17 + ___ = 20. What number goes in the blank?

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5

Which two numbers add to 10?

A 7 and 3

B 6 and 5

C 8 and 3

D 9 and 2

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6

Leo says 2 + 8 = 11. Is he right?

A Yes

B No

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7 **Maya has 20 stickers. She gives away 5. How many does she have left?**

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8 **Which two numbers add to 20?**

A 13 and 7

B 12 and 9

C 15 and 6

D 11 and 8

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9 **Which sum is greater: 6 + 4 or 7 + 2?**

A 6 + 4

B 7 + 2

C They are equal

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10 **Maya has 12 books and Tom has 8 books. How many books do they have together?**

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ANSWER KEY

1. 2

2. 10

3. 4

4. 3

5. 7 and 3

6. No

7. 15

8. 13 and 7

9. 6 + 4

10. 20

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