

Addition and Subtraction Fluency Within 20: math practice, Grade 2 – download the PDF

24 problems graded by difficulty (★ easy, ★★ medium, ★★★ hard). Try first, without looking at the solutions!

1 Doubles



Find each double.

- a. $6 + 6$
- b. $9 + 9$
- c. $7 + 7$
- d. $10 + 10$

2 Make ten



Fill in the number that makes ten.

- a. $8 + \square = 10$
- b. $7 + \square = 10$
- c. $6 + \square = 10$

Then use a ten to solve $9 + 4$.

3 Related facts



You know that $7 + 6 = 13$. Write two subtraction facts that use the same numbers.

4 Even or odd?



Write **even** or **odd** for each number: 12, 15, 18, 7, 20, 13.

5 Missing addends

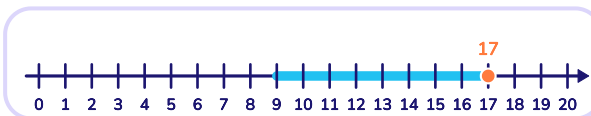


Find the missing number.

a. $6 + \square = 11$

b. $8 + \square = 15$

c. $\square + 9 = 17$



6 Three numbers



Find $4 + 3 + 6$. Look for two numbers that make ten.

7 Sticker book



Maya has 7 red stickers and 8 blue stickers. How many stickers does she have in all?

8 Near doubles

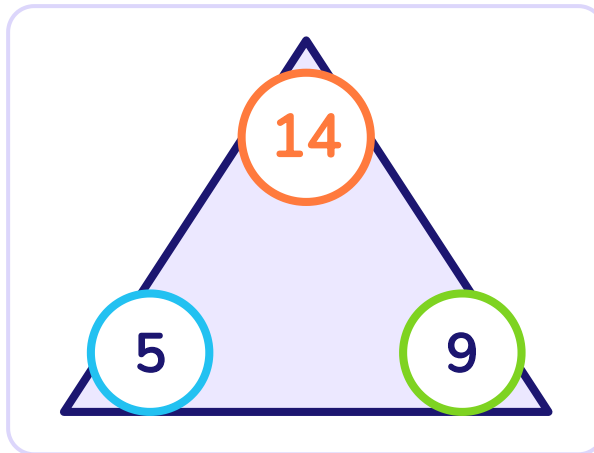


Use a double to find $6 + 7$. Write the double you used.

9

Fact family

Write the four facts in the fact family for 5, 9, and 14.



10

True or false?

Tell if each sentence is true or false. Explain.

- a. $8 + 8 = 16$
- b. $7 + 8 = 14$
- c. $13 - 6 = 8$
- d. $9 + 5 = 5 + 9$

11

Muffin tray

A bakery tray holds 18 muffins. The baker sells 9 of them. How many muffins are left? Use a double to help.

12

Trading cards

Leo wants 16 trading cards. He has 9 now. How many more cards does he need?

13 Three addends, two ways



Find each sum.

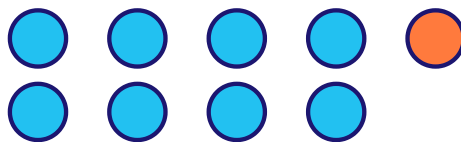
a. $5 + 8 + 5$

b. $6 + 7 + 4$

14 Pairs



Is $9 + 8$ even or odd? Use what you know about pairs and a near double to explain.



9: odd, one left over

15 Think addition



Use an addition fact to solve each subtraction.

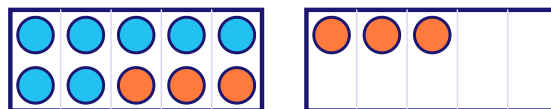
a. $16 - 9$

b. $14 - 8$

16 Pick a strategy



Find $7 + 9$ using the make ten strategy. Show your steps.



10

3

17 Pairs that make 13

Use the numbers 4, 5, 6, 7, 8, and 9. Find every pair of different numbers whose sum is 13.

18 At the zoo

A zoo has 8 monkeys, 6 parrots, and 4 turtles in a play area. Then 9 animals go inside. How many animals are still outside?

19 Missing addend with three numbers

Find the missing number: $7 + \square + 5 = 20$.

20 Number riddles

Solve the riddles.

- Two numbers 1 apart add up to 15. What are they?
- Two numbers 1 apart add up to 19. What are they?

21 Find the mistake

Sam says that $14 - 6 = 7$ because he counted. Is he right? Check with addition and give the correct answer.

22 Sharing fairly

Two friends share some cookies equally with none left over. Can they share 15 cookies this way? Can they share 14 cookies? Explain.

23

Balance the equation

Find the number that makes the sentence true: $9 + \square = 6 + 8$.

24

Bus ride

There are 9 children on a bus. At the first stop, 7 get on. At the second stop, 5 get off. How many children are on the bus now?

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