

Math Facts within 20

GRADE 2 · MATH

Addition & Subtraction Fluency · 25 problems · Grade 2

NAME _____ DATE _____ SCORE _____

Solve each problem. Try to remember the answer instead of counting on your fingers — fluency means knowing the answer fast!

1 Vertical Facts

1.

$$\begin{array}{r} 11 \\ - 5 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 19 \\ - 17 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 6 \\ + 9 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 19 \\ - 15 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 11 \\ + 7 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 12 \\ + 5 \\ \hline \end{array}$$

7.

$$\begin{array}{r} 12 \\ - 6 \\ \hline \end{array}$$

8.

$$\begin{array}{r} 4 \\ + 5 \\ \hline \end{array}$$

9.

$$\begin{array}{r} 9 \\ + 5 \\ \hline \end{array}$$

10.

$$\begin{array}{r} 11 \\ - 9 \\ \hline \end{array}$$

11.

$$\begin{array}{r} 2 \\ + 3 \\ \hline \end{array}$$

12.

$$\begin{array}{r} 9 \\ - 4 \\ \hline \end{array}$$

2 Horizontal Facts

13. $5 + 14 =$ _____

15. $14 - 8 =$ _____

17. $4 + 11 =$ _____

19. $17 - 11 =$ _____

14. $19 - 16 =$ _____

16. $11 + 2 =$ _____

18. $13 + 5 =$ _____

20. $16 - 9 =$ _____

3 Word Problems

21.

Tom has 9 red marbles and 7 blue marbles. How many marbles in total?

ANSWER _____

22.

Mia had 15 stickers. She gave 8 away. How many does she have left?

ANSWER _____

23.

There are 12 birds in a tree. 5 fly away. How many birds are left?

ANSWER _____

★ Challenge — find the missing number

24. $8 + \underline{\quad} = 17$

25. $20 - \underline{\quad} = 13$

Math Facts within 20 • Answer Key

GRADE 2 • MATH

Addition & Subtraction Fluency • 25 problems • Grade 2

For teachers and parents. Use this answer key to check student work or for self-grading.

1 Vertical Facts

$$\begin{array}{r} 1. \\ 11 \\ - 5 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 2. \\ 19 \\ - 17 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 3. \\ 6 \\ + 9 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 4. \\ 19 \\ - 15 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 5. \\ 11 \\ + 7 \\ \hline 18 \end{array}$$

$$\begin{array}{r} 6. \\ 12 \\ + 5 \\ \hline 17 \end{array}$$

$$\begin{array}{r} 7. \\ 12 \\ - 6 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 8. \\ 4 \\ + 5 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 9. \\ 9 \\ + 5 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 10. \\ 11 \\ - 9 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 11. \\ 2 \\ + 3 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 12. \\ 9 \\ - 4 \\ \hline 5 \end{array}$$

2 Horizontal Facts

13. $5 + 14 = \underline{19}$

15. $14 - 8 = \underline{6}$

17. $4 + 11 = \underline{15}$

19. $17 - 11 = \underline{6}$

14. $19 - 16 = \underline{3}$

16. $11 + 2 = \underline{13}$

18. $13 + 5 = \underline{18}$

20. $16 - 9 = \underline{7}$

3 Word Problems

21.

Tom has 9 red marbles and 7 blue marbles. How many marbles in total?

ANSWER 16 marbles

22.

Mia had 15 stickers. She gave 8 away. How many does she have left?

ANSWER 7 stickers

23.

There are 12 birds in a tree. 5 fly away. How many birds are left?

ANSWER 7 birds

★ Challenge — find the missing number

24. $8 + \underline{9} = 17$

25. $20 - \underline{7} = 13$