

Lesson
1

Addition Facts

1.OA.5

Relate counting to addition and subtraction.

1.OA.6

Add and subtract within 20, demonstrating fluency for addition and subtraction within 10. Use strategies such as counting on; making a ten; decomposing a number leading to a ten; using the relationship between addition and subtraction; and creating equivalent but easier or known sums.

 Understand the Standards

The two numbers you add together are called **addends**. The answer is the **sum**.

$$\begin{array}{c} 2 + 1 = 3 \\ \uparrow \quad \uparrow \quad \uparrow \\ \text{addends} \quad \text{sum} \end{array}$$

Words to Know

addend

sum

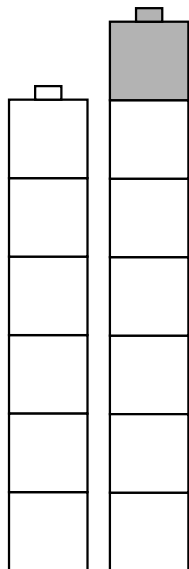
 Guided Instruction

$$6 + 7 = \square$$

One Way

Use doubles plus one.




Think: $6 + 7 = 6 + 6$
and 1 more.

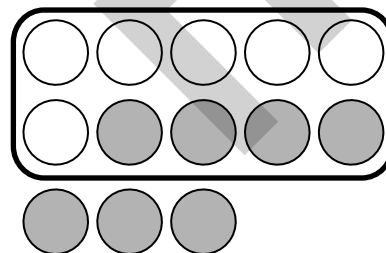


$$6 + 7 = 13$$

Another Way

Make a ten.

Put 6  in the ten frame. Then show 7 . Move 4  to the ten frame to make a 10.



$$6 + 7 = 10 + 3 = 13$$

Yet Another Way

You can use a number line to help you **count on**.

Start with the larger addend.

Then count on the lesser addend.

$$5 + 2 = \square$$

Here, say *five*. Then count on two more: *six, seven*.

Five plus two is seven.



$$5 + 2 = 7$$



On Your Own

Add.

$$1. \quad 4 + 3 = \underline{\quad}$$

$$2. \quad 9 + 2 = \underline{\quad}$$

$$3. \quad 7 + 8 = \underline{\quad}$$

$$4. \quad 9 + 4 = \underline{\quad}$$

$$5. \quad 2 + 6 = \underline{\quad}$$

$$6. \quad 1 + 9 = \underline{\quad}$$

$$7. \quad \begin{array}{r} 3 \\ + 6 \\ \hline \end{array}$$

$$8. \quad \begin{array}{r} 7 \\ + 0 \\ \hline \end{array}$$

$$9. \quad \begin{array}{r} 5 \\ + 6 \\ \hline \end{array}$$

$$10. \quad \begin{array}{r} 2 \\ + 10 \\ \hline \end{array}$$

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

Add.

12. $8 + 4 =$ _____

13. $10 + 7 =$ _____

14. $7 + 5 =$ _____

15. $1 + 3 =$ _____

16. $2 + 8 =$ _____

17. $6 + 9 =$ _____

18.
$$\begin{array}{r} 4 \\ + 7 \\ \hline \end{array}$$

19.
$$\begin{array}{r} 8 \\ + 8 \\ \hline \end{array}$$

20.
$$\begin{array}{r} 7 \\ + 3 \\ \hline \end{array}$$

21.
$$\begin{array}{r} 0 \\ + 4 \\ \hline \end{array}$$

22.
$$\begin{array}{r} 8 \\ + 4 \\ \hline \end{array}$$

Solve. Share your answers with a classmate.

-  23. Tell how you would find the sum of $5 + 6 = \square$.
Explain.

24. When you add two numbers, why do you count on the smaller number?

Solve.

25. $8 + 5 = \square$

- A. 3
 B. 12
 C. 13
 D. 85

26. $7 + 9 = \square$

- A. 17
 B. 16
 C. 15
 D. 2

27. Which problem could you use near doubles to solve? Circle it. Which problem could you make a ten to solve? Draw an X through it.

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

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

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

$$\begin{array}{r} 10 \\ + 4 \\ \hline \end{array}$$



28. There are 4 children on the swings. 2 more children join them. How can counting on help you find how many children in all? Write how many children there are in all and write a number sentence.
