

Name _____

Subtract All or Zero

Essential Question What happens when you subtract 0 from a number?



Operations and Algebraic
Thinking—1.OA.8

MATHEMATICAL PRACTICES
MP.3, MP.4, MP.8

**Listen and Draw**

Use ● to show the problem. Draw the ●.
Write the numbers.

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

17



FOR THE TEACHER • Read the following problem. 4 toys are on the shelf. 0 toys are taken off. How many toys are on the shelf? Then read the following problem. 4 toys are on the shelf. 4 toys are taken off. How many toys are there now?

**Math Talk****Mathematical Practices**

Does your first answer make sense? **Explain.**

Model and Draw

When you subtract zero, how many are left?



$$\underline{5} - \underline{0} = \underline{5}$$

When you subtract all, how many are left?



$$\underline{5} - \underline{5} = \underline{0}$$

Share and Show



Use the picture to complete the subtraction sentence.

1.



$$\underline{\quad} - \underline{0} = \underline{\quad}$$

2.



$$\underline{\quad} - \underline{\quad} = \underline{0}$$

3.



$$\underline{\quad} - \underline{\quad} = \underline{0}$$

4.



$$\underline{\quad} - \underline{0} = \underline{\quad}$$

5.



$$\underline{\quad} - \underline{0} = \underline{\quad}$$

6.



$$\underline{\quad} - \underline{\quad} = \underline{0}$$

On Your Own
MATHEMATICAL PRACTICE 8 Use Repeated Reasoning

Complete the subtraction sentence.

7.



$$1 - 0 = \underline{\quad}$$

8.



$$\underline{\quad} = 6 - 6$$

9.



$$0 = \underline{\quad} - 3$$

10.



$$1 - 1 = \underline{\quad}$$

11.

$$3 - 0 = \underline{\quad}$$

12.

$$\underline{\quad} = 8 - 0$$

13.

$$7 - \underline{\quad} = 7$$

14.

$$8 - 8 = \underline{\quad}$$

15.

$$5 - 5 = \underline{\quad}$$

16.

$$\underline{\quad} = 0 - 0$$

GO DEEPER Choose numbers to complete the subtraction sentence.

17. $\underline{\quad} - \underline{\quad} = 0$

18. $\underline{\quad} - \underline{\quad} = 0$

Problem Solving • Applications

WRITE Math

Write the number sentence and tell how many.

19. There are 6 **bookmarks** on the table. 0 are blue and the rest are yellow. How many bookmarks are yellow?


 ___ **yellow bookmarks**

20. Jared has 8 **pictures**. He gave some to Wendy. Jared has 0 pictures now. How many pictures did Jared give to Wendy?


 ___ **pictures**

21. **THINK SMARTER** Kevin has 3 fewer **leaves** than Sandy. Sandy has 3 leaves. How many leaves does Kevin have?


 ___ **leaves**

22. **THINK SMARTER** Is the answer correct? Choose Yes or No.

$$5 - 0 = 0 \quad \textcircled{\text{O}} \text{ Yes} \quad \textcircled{\text{O}} \text{ No}$$

$$5 - 0 = 5 \quad \textcircled{\text{O}} \text{ Yes} \quad \textcircled{\text{O}} \text{ No}$$

$$5 - 5 = 0 \quad \textcircled{\text{O}} \text{ Yes} \quad \textcircled{\text{O}} \text{ No}$$



TAKE HOME ACTIVITY • Have your child explain how $4 - 4$ and $4 - 0$ are different.

FOR MORE PRACTICE:
Standards Practice Book