

**再看！** You can use compensation to make numbers that are easy to add mentally.

Use compensation to find  $47 + 28$ .

- Give 3 to 47 to make 50.

Give 2 to 28 to make 30.

$$47 + 28$$

$$+ 3 + 2$$

- Then it is easy to add in your head.

$$50 + 30 = 80$$

- You added  $3 + 2 = 5$ . So subtract 5 from 80 to find the answer.

$$80 - 5 = 75$$

You can count back 5 from 80 to check your answer.

$$80, \underline{79}, \underline{78}, \underline{77}, \underline{76}, \underline{75}$$

So,  $47 + 28 = 75$ .

Compensation is a way to make numbers that are easy to add in your head!



## 功课和练习 第3-6课

使用补偿法做加法

**家庭活动** Ask your child to explain how to use compensation to add  $17 + 38$  mentally.



Use compensation to make numbers that are easier to add. Then solve. Show your work.

1.  $26 + 6 = \underline{\quad}$

$$\bigcirc \quad \bigcirc$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

2.  $17 + 19 = \underline{\quad}$

$$\bigcirc \quad \bigcirc$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

3.  $39 + 54 = \underline{\quad}$

$$\bigcirc \quad \bigcirc$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

Use compensation to make numbers that are easier to add.  
Then solve. Show your work.

4.  $24 + 18 = \underline{\quad}$

$\underline{\quad} + \underline{\quad} = \underline{\quad}$

5.  $25 + 27 = \underline{\quad}$

$\underline{\quad} + \underline{\quad} = \underline{\quad}$

6.  $43 + 32 = \underline{\quad}$

$\underline{\quad} + \underline{\quad} = \underline{\quad}$

7. **MP.2 Reasoning** Use compensation to solve. Show your work.

Wendy found 13 bugs and Wally found 27 bugs. How many bugs did they find in all?

$\underline{\quad}$  bugs

8. **Higher Order Thinking** Use compensation to write 3 different equations with the same sum as  $38 + 16$ . Then solve.

$38 + 16 = \underline{\quad}$

A.  $\underline{\quad} + \underline{\quad} = \underline{\quad}$

B.  $\underline{\quad} + \underline{\quad} = \underline{\quad}$

C.  $\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$

9. **Assessment** Which is equal to  $14 + 8$ ? Choose all that apply.

☐  $12 + 6$

☐  $12 + 10$

☐  $10 + 12$

☐  $10 + 4 + 8$

10. **Assessment** Is the amount equal to  $26 + 16$ ? Choose Yes or No.

$30 + 10 + 2$       ☐ Yes      ☐ No

$30 + 12$       ☐ Yes      ☐ No

$25 + 20$       ☐ Yes      ☐ No

$20 + 22$       ☐ Yes      ☐ No