

# 功课和练习

## 第1-4课

### 加法图案



名字

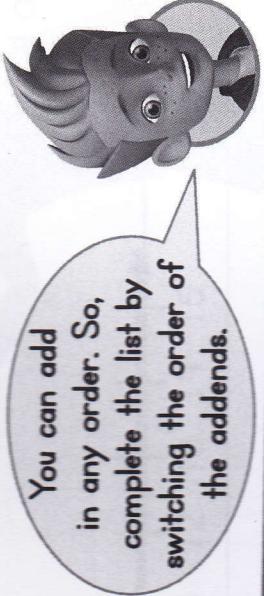
**再看！** You can use your addition table to find the addition facts that have 7 as an addend.

Find the 7 in the top row of the table.

Write an equation for each sum in that column.

| +  | 0           | 1           | 2           | 3           | 4           | 5           | 6           | 7           | 8           | 9           | 10           |
|----|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| 0  | 0 + 0 = 0   | 0 + 1 = 1   | 0 + 2 = 2   | 0 + 3 = 3   | 0 + 4 = 4   | 0 + 5 = 5   | 0 + 6 = 6   | 0 + 7 = 7   | 0 + 8 = 8   | 0 + 9 = 9   | 0 + 10 = 10  |
| 1  | 1 + 0 = 1   | 1 + 1 = 2   | 1 + 2 = 3   | 1 + 3 = 4   | 1 + 4 = 5   | 1 + 5 = 6   | 1 + 6 = 7   | 1 + 7 = 8   | 1 + 8 = 9   | 1 + 9 = 10  | 1 + 10 = 11  |
| 2  | 2 + 0 = 2   | 2 + 1 = 3   | 2 + 2 = 4   | 2 + 3 = 5   | 2 + 4 = 6   | 2 + 5 = 7   | 2 + 6 = 8   | 2 + 7 = 9   | 2 + 8 = 10  | 2 + 9 = 11  | 2 + 10 = 12  |
| 3  | 3 + 0 = 3   | 3 + 1 = 4   | 3 + 2 = 5   | 3 + 3 = 6   | 3 + 4 = 7   | 3 + 5 = 8   | 3 + 6 = 9   | 3 + 7 = 10  | 3 + 8 = 11  | 3 + 9 = 12  | 3 + 10 = 13  |
| 4  | 4 + 0 = 4   | 4 + 1 = 5   | 4 + 2 = 6   | 4 + 3 = 7   | 4 + 4 = 8   | 4 + 5 = 9   | 4 + 6 = 10  | 4 + 7 = 11  | 4 + 8 = 12  | 4 + 9 = 13  | 4 + 10 = 14  |
| 5  | 5 + 0 = 5   | 5 + 1 = 6   | 5 + 2 = 7   | 5 + 3 = 8   | 5 + 4 = 9   | 5 + 5 = 10  | 5 + 6 = 11  | 5 + 7 = 12  | 5 + 8 = 13  | 5 + 9 = 14  | 5 + 10 = 15  |
| 6  | 6 + 0 = 6   | 6 + 1 = 7   | 6 + 2 = 8   | 6 + 3 = 9   | 6 + 4 = 10  | 6 + 5 = 11  | 6 + 6 = 12  | 6 + 7 = 13  | 6 + 8 = 14  | 6 + 9 = 15  | 6 + 10 = 16  |
| 7  | 7 + 0 = 7   | 7 + 1 = 8   | 7 + 2 = 9   | 7 + 3 = 10  | 7 + 4 = 11  | 7 + 5 = 12  | 7 + 6 = 13  | 7 + 7 = 14  | 7 + 8 = 15  | 7 + 9 = 16  | 7 + 10 = 17  |
| 8  | 8 + 0 = 8   | 8 + 1 = 9   | 8 + 2 = 10  | 8 + 3 = 11  | 8 + 4 = 12  | 8 + 5 = 13  | 8 + 6 = 14  | 8 + 7 = 15  | 8 + 8 = 16  | 8 + 9 = 17  | 8 + 10 = 18  |
| 9  | 9 + 0 = 9   | 9 + 1 = 10  | 9 + 2 = 11  | 9 + 3 = 12  | 9 + 4 = 13  | 9 + 5 = 14  | 9 + 6 = 15  | 9 + 7 = 16  | 9 + 8 = 17  | 9 + 9 = 18  | 9 + 10 = 19  |
| 10 | 10 + 0 = 10 | 10 + 1 = 11 | 10 + 2 = 12 | 10 + 3 = 13 | 10 + 4 = 14 | 10 + 5 = 15 | 10 + 6 = 16 | 10 + 7 = 17 | 10 + 8 = 18 | 10 + 9 = 19 | 10 + 10 = 20 |

$$\begin{array}{l}
 0 + 7 = 7 \\
 1 + 7 = 8 \\
 2 + 7 = 9 \\
 3 + 7 = 10 \\
 4 + 7 = 11 \\
 5 + 7 = 12 \\
 6 + 7 = 13 \\
 7 + 7 = 14 \\
 8 + 7 = 15 \\
 9 + 7 = 16 \\
 10 + 7 = 17
 \end{array}$$



You can add in any order. So, complete the list by switching the order of the addends.



Use fact patterns to complete each equation.

$$\begin{array}{ll}
 1. 9 + 6 = \underline{\quad} & 2. 0 + \underline{\quad} = 4 \\
 \underline{\quad} + 7 = 15 & 1 + 3 = \underline{\quad} \\
 7 + \underline{\quad} = 15 & \underline{\quad} + 2 = 4 \\
 6 + \underline{\quad} = 15 & 3 + \underline{\quad} = 4 \\
 \underline{\quad} + 4 = 4 & \underline{\quad} + 5 = 6
 \end{array}$$

## © MP.7 Look for Patterns Use fact patterns to complete each equation.

|                                  |                              |                              |
|----------------------------------|------------------------------|------------------------------|
| 4. $10 + \underline{\quad} = 11$ | $5 + \underline{\quad} = 11$ | $5 + 9 = \underline{\quad}$  |
| $\underline{\quad} + 2 = 11$     | $4 + \underline{\quad} = 11$ | $9 + \underline{\quad} = 17$ |
| $8 + 3 = \underline{\quad}$      | $3 + \underline{\quad} = 11$ | $9 + 3 = \underline{\quad}$  |
| $7 + \underline{\quad} = 11$     | $\underline{\quad} + 2 = 11$ | $9 + \underline{\quad} = 16$ |
| $\underline{\quad} + 5 = 11$     | $1 + 10 = \underline{\quad}$ | $9 + 6 = \underline{\quad}$  |
|                                  | $0 + \underline{\quad} = 11$ | $9 + \underline{\quad} = 14$ |

6. **Higher Order Thinking** Write 8 equations with 2 addends that have a sum of 13.  
Use patterns to help you.

7. **© Assessment** Which have a sum of 19?  
Choose all that apply.
8. **© Assessment** Which have a sum of 15?  
Choose all that apply.

- $10 + 9 = ?$   
  $8 + 8 = ?$   
  $9 + 9 = ?$   
  $9 + 10 = ?$

- $7 + 8 = ?$   
  $8 + 7 = ?$   
  $9 + 6 = ?$   
  $5 + 10 = ?$