

# Subtraction Facts Within 20

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ / 24

## Q Quick Review

**Subtraction** means taking away or finding how many are left. The answer is called the **difference**. Subtraction is the **opposite** of addition, so you can **think addition** to solve it: for  $13 - 5$ , ask “5 plus what equals 13?” Since  $5 + 8 = 13$ , the difference is 8. You can also **count back** from the bigger number. Practicing subtraction facts until they are quick will help you all year long.

◇ **Example:** Find the difference:  $15 - 7$ .

⇒ Let's think addition to solve this. We ask, “7 plus what number equals 15?” Count up from 7:  $7 + 3 = 10$ , and then  $10 + 5 = 15$ . That means we added  $3 + 5 = 8$  in all. So  $7 + 8 = 15$ , which tells us  $15 - 7 = 8$ .

**Answer:**  $15 - 7 = 8$

## PRACTICE

Subtract to find each difference.

1.  $12 - 5$

\_\_\_\_\_

11.  $14 - 7$

\_\_\_\_\_

2.  $14 - 6$

\_\_\_\_\_

12.  $11 - 6$

\_\_\_\_\_

3.  $11 - 4$

\_\_\_\_\_

13.  $13 - 6$

\_\_\_\_\_

4.  $16 - 8$

\_\_\_\_\_

14.  $16 - 7$

\_\_\_\_\_

5.  $13 - 9$

\_\_\_\_\_

15.  $10 - 4$

\_\_\_\_\_

6.  $10 - 6$

\_\_\_\_\_

16.  $15 - 6$

\_\_\_\_\_

7.  $18 - 9$

\_\_\_\_\_

17.  $12 - 7$

\_\_\_\_\_

8.  $15 - 8$

\_\_\_\_\_

18.  $14 - 8$

\_\_\_\_\_

9.  $17 - 9$

\_\_\_\_\_

19.  $17 - 8$

\_\_\_\_\_

10.  $12 - 8$

\_\_\_\_\_

20.  $13 - 8$

\_\_\_\_\_

## ◆ Word Problems

21. Noah had 14 stickers. He gave 6 to his friend. How many stickers does Noah have left? \_\_\_\_\_

22. There were 15 birds on a wire. Then 7 flew away. How many birds are still on the wire? \_\_\_\_\_

23. A box held 13 muffins. The class ate 9 of them. How many muffins are left in the box? \_\_\_\_\_

24. Ava has 16 marbles. Her brother has 8 marbles. How many more marbles does Ava have than her brother? \_\_\_\_\_



## Answer Keys

- 7
- 8
- 7
- 8
- 4
- 4
- 9
- 7
- 8
- 4
- 7
- 5

- 7
- 9
- 6
- 9
- 5
- 6
- 9
- 5
- 8 stickers
- 8 birds
- 4 muffins
- 8 marbles

### Step-by-Step Explanations

- Think addition:  $5 + 7 = 12$ , so  $12 - 5 = 7$ .
- Think addition:  $6 + 8 = 14$ , so  $14 - 6 = 8$ .
- Think addition:  $4 + 7 = 11$ , so  $11 - 4 = 7$ .
- This is the double  $8 + 8 = 16$ , so  $16 - 8 = 8$ .
- Think addition:  $9 + 4 = 13$ , so  $13 - 9 = 4$ .
- Think addition:  $6 + 4 = 10$ , so  $10 - 6 = 4$ .
- This is the double  $9 + 9 = 18$ , so  $18 - 9 = 9$ .
- Think addition:  $8 + 7 = 15$ , so  $15 - 8 = 7$ .
- Think addition:  $9 + 8 = 17$ , so  $17 - 9 = 8$ .
- Think addition:  $8 + 4 = 12$ , so  $12 - 8 = 4$ .
- This is the double  $7 + 7 = 14$ , so  $14 - 7 = 7$ .
- Think addition:  $6 + 5 = 11$ , so  $11 - 6 = 5$ .

- Think addition:  $6 + 7 = 13$ , so  $13 - 6 = 7$ .
- Think addition:  $7 + 9 = 16$ , so  $16 - 7 = 9$ .
- Think addition:  $4 + 6 = 10$ , so  $10 - 4 = 6$ .
- Think addition:  $6 + 9 = 15$ , so  $15 - 6 = 9$ .
- Think addition:  $7 + 5 = 12$ , so  $12 - 7 = 5$ .
- Think addition:  $8 + 6 = 14$ , so  $14 - 8 = 6$ .
- Think addition:  $8 + 9 = 17$ , so  $17 - 8 = 9$ .
- Think addition:  $8 + 5 = 13$ , so  $13 - 8 = 5$ .
- Take away what he gave:  $14 - 6 = 8$ . Noah has 8 stickers left.
- Subtract the birds that left:  $15 - 7 = 8$ . There are 8 birds left.
- Take away the muffins eaten:  $13 - 9 = 4$ . There are 4 muffins left.
- Compare by subtracting:  $16 - 8 = 8$ . Ava has 8 more marbles.



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