

**STUDY LINK**  
**3•4**

# Mystery Numbers



Find the mystery numbers.

1. I am thinking of a mystery number. If I multiply it by 4, the answer is 24. What is the number? \_\_\_\_\_

2. I am thinking of another number. If I multiply it by 3, the answer is 24. What is the number? \_\_\_\_\_

3. I am thinking of a mystery number. 24 is 4 times as many as this number. What is the number? \_\_\_\_\_

4. I am thinking of a mystery number. This number is 7 times as many as 3. What is the number? \_\_\_\_\_

5. Write your own mystery number problem.

\_\_\_\_\_

\_\_\_\_\_

Fill in the missing numbers.

6.  $4 * 5 = \underline{\hspace{2cm}}$        $\underline{\hspace{2cm}} * 4 = 20$

7.  $\underline{\hspace{2cm}} = 6 * 3$        $18 = \underline{\hspace{2cm}} * 3$

8.  $7 * 7 = \underline{\hspace{2cm}}$        $\underline{\hspace{2cm}} * 7 = 49$

9.  $\underline{\hspace{2cm}} * 2 = 18$        $18 = \underline{\hspace{2cm}} * 9$

10.  $35 = \underline{\hspace{2cm}} * 5$        $\underline{\hspace{2cm}} * 7 = 35$

11.  $28 = \underline{\hspace{2cm}} * 4$        $\underline{\hspace{2cm}} * 7 = 28$

**Practice**

12. Name 4 multiples of 5. \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

13. List all the factors of 24. \_\_\_\_\_

14. List the factors of 24 that are composite. \_\_\_\_\_