

# Skip Counting

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

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

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

## Q Quick Review

**Skip counting** means counting by a number bigger than one. When you skip count by 2s, you add 2 each time: 2, 4, 6, 8, . . . . Counting by 5s adds 5 each time: 5, 10, 15, 20, . . . . Counting by 10s adds 10 each time: 10, 20, 30, . . . , and counting by 100s adds 100 each time: 100, 200, 300, . . . . To find the next number in a pattern, look at how much it grows each step, then add that amount.

◇ **Example:** Skip count by 5s. What number comes next: 25, 30, 35, \_\_\_\_\_?

⇒ Let's see how the pattern grows. From 25 to 30 is a jump of 5, and from 30 to 35 is also a jump of 5. So the rule is "add 5." To find the next number, add 5 to 35:  $35 + 5 = 40$ .

**Answer:** 40

## PRACTICE

Find the missing number in each skip-counting pattern.

- |                         |       |   |       |
|-------------------------|-------|---|-------|
| 1. 2, 4, 6, _____       | _____ | 12. 500, 600, 700, _____                    | _____ |
| 2. 10, 12, 14, _____    | _____ | 13. 6, _____, 10, 12                        | _____ |
| 3. 5, 10, 15, _____     | _____ | 14. 15, _____, 25, 30                       | _____ |
| 4. 20, 25, 30, _____    | _____ | 15. 40, _____, 60, 70                       | _____ |
| 5. 10, 20, 30, _____    | _____ | 16. 200, _____, 400, 500                    | _____ |
| 6. 50, 60, 70, _____    | _____ | 17. Count by 2s from 8: 8, 10, _____        | _____ |
| 7. 100, 200, 300, _____ | _____ | 18. Count by 5s from 60: 60, 65, _____      | _____ |
| 8. 300, 400, 500, _____ | _____ | 19. Count by 10s from 120: 120, 130, _____  | _____ |
| 9. 14, 16, 18, _____    | _____ | 20. Count by 100s from 600: 600, 700, _____ | _____ |
| 10. 35, 40, 45, _____   | _____ |   |       |
| 11. 70, 80, 90, _____   | _____ |   |       |

## ◆ Word Problems

21. Lucas counts his socks in pairs: 2, 4, 6, 8. If he keeps going, what number comes next? \_\_\_\_\_
22. A pack of gum has 5 pieces. Olivia counts the pieces in 4 packs by 5s: 5, 10, 15, \_\_\_\_\_. What is the last number? \_\_\_\_\_
23. Each box holds 10 crayons. Counting by 10s, how many crayons are in 6 boxes? \_\_\_\_\_
24. A school orders books in cases of 100. Counting by 100s, how many books are in 5 cases? \_\_\_\_\_



## Answer Keys

- |                                      |   |
|--------------------------------------|---|
| 1. <input type="text" value="8"/>    | 13. <input type="text" value="8"/>          |
| 2. <input type="text" value="16"/>   | 14. <input type="text" value="20"/>         |
| 3. <input type="text" value="20"/>   | 15. <input type="text" value="50"/>         |
| 4. <input type="text" value="35"/>   | 16. <input type="text" value="300"/>        |
| 5. <input type="text" value="40"/>   | 17. <input type="text" value="12"/>         |
| 6. <input type="text" value="80"/>   | 18. <input type="text" value="70"/>         |
| 7. <input type="text" value="400"/>  | 19. <input type="text" value="140"/>        |
| 8. <input type="text" value="600"/>  | 20. <input type="text" value="800"/>        |
| 9. <input type="text" value="20"/>   | 21. <input type="text" value="10"/>         |
| 10. <input type="text" value="50"/>  | 22. <input type="text" value="20"/>         |
| 11. <input type="text" value="100"/> | 23. <input type="text" value="60 crayons"/> |
| 12. <input type="text" value="800"/> | 24. <input type="text" value="500 books"/>  |

### Step-by-Step Explanations

- |   |   |
|---|---|
| <p>1. This pattern adds 2 each time, so <math>6 + 2 = 8</math>.</p> <p>2. This pattern adds 2 each time, so <math>14 + 2 = 16</math>.</p> <p>3. This pattern adds 5 each time, so <math>15 + 5 = 20</math>.</p> <p>4. This pattern adds 5 each time, so <math>30 + 5 = 35</math>.</p> <p>5. This pattern adds 10 each time, so <math>30 + 10 = 40</math>.</p> <p>6. This pattern adds 10 each time, so <math>70 + 10 = 80</math>.</p> <p>7. This pattern adds 100 each time, so <math>300 + 100 = 400</math>.</p> <p>8. This pattern adds 100 each time, so <math>500 + 100 = 600</math>.</p> <p>9. This pattern adds 2 each time, so <math>18 + 2 = 20</math>.</p> <p>10. This pattern adds 5 each time, so <math>45 + 5 = 50</math>.</p> <p>11. This pattern adds 10 each time, so <math>90 + 10 = 100</math>.</p> <p>12. This pattern adds 100 each time, so <math>700 + 100 = 800</math>.</p> <p>13. The pattern adds 2 each time, so the missing number is <math>6 + 2 = 8</math>.</p> | <p>14. The pattern adds 5 each time, so the missing number is <math>15 + 5 = 20</math>.</p> <p>15. The pattern adds 10 each time, so the missing number is <math>40 + 10 = 50</math>.</p> <p>16. The pattern adds 100 each time, so the missing number is <math>200 + 100 = 300</math>.</p> <p>17. Counting by 2s adds 2, so <math>10 + 2 = 12</math>.</p> <p>18. Counting by 5s adds 5, so <math>65 + 5 = 70</math>.</p> <p>19. Counting by 10s adds 10, so <math>130 + 10 = 140</math>.</p> <p>20. Counting by 100s adds 100, so <math>700 + 100 = 800</math>.</p> <p>21. Counting by pairs means adding 2 each time. So after 8 the next number is <math>8 + 2 = 10</math>.</p> <p>22. Counting by 5s adds 5 each time, so the last number is <math>15 + 5 = 20</math> pieces.</p> <p>23. Count by 10s six times: 10, 20, 30, 40, 50, 60. There are 60 crayons in all.</p> <p>24. Count by 100s five times: 100, 200, 300, 400, 500. There are 500 books in all.</p> |
|---|---|



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