

# 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. 8    | 13. 8          |
| 2. 16   | 14. 20         |
| 3. 20   | 15. 50         |
| 4. 35   | 16. 300        |
| 5. 40   | 17. 12         |
| 6. 80   | 18. 70         |
| 7. 400  | 19. 140        |
| 8. 600  | 20. 800        |
| 9. 20   | 21. 10         |
| 10. 50  | 22. 20         |
| 11. 100 | 23. 60 crayons |
| 12. 800 | 24. 500 books  |

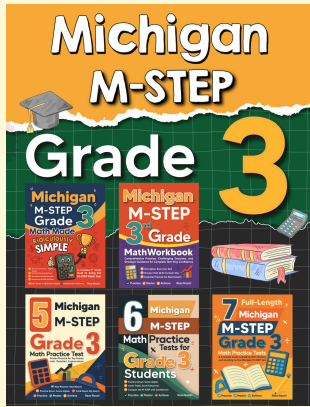
### Step-by-Step Explanations

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



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