

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 |

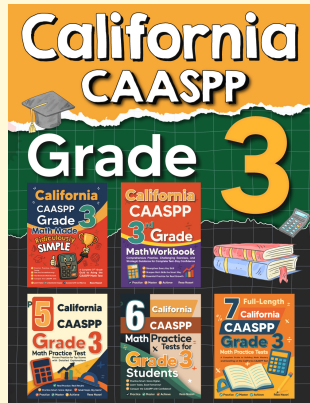
Step-by-Step Explanations

- | | |
|--|--|
| 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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