

## Skip Counting Worksheets Answer Key PDF

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### Part 1: Building a Foundation

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**What is skip counting by 5s starting from 0?**

undefined. A) 0, 4, 8, 12

**undefined. A) 0, 5, 10, 15 ✓**

undefined. A) 0, 6, 12, 18

undefined. A) 0, 7, 14, 21

The correct sequence is 0, 5, 10, 15.

**Which of the following sequences represent skip counting by 3s?**

**undefined. A) 3, 6, 9, 12 ✓**

undefined. A) 2, 4, 6, 8

undefined. A) 5, 10, 15, 20

**undefined. A) 9, 12, 15, 18 ✓**

The correct sequences are 3, 6, 9, 12 and 9, 12, 15, 18.

**Explain why skip counting is important for learning multiplication.**

**Skip counting helps students understand the concept of multiplication as repeated addition.**

**List two intervals commonly used in skip counting and provide an example sequence for each.**

1. Interval 1 and example sequence

**2s: 2, 4, 6, 8, 10**

2. Interval 2 and example sequence

**5s: 5, 10, 15, 20, 25**

Common intervals include 2s (e.g., 2, 4, 6) and 10s (e.g., 10, 20, 30).

**If you are skip counting by 10s, what number comes after 50?**

undefined. A) 55

**undefined. A) 60 ✓**

undefined. A) 65

undefined. A) 70

The next number is 60.

## Part 2: Application and Analysis

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**You have 8 groups of pencils, each containing 5 pencils. Using skip counting, how many pencils do you have in total?**

undefined. A) 35

**undefined. A) 40 ✓**

undefined. A) 45

undefined. A) 50

The total number of pencils is 40.

**Which sequences can be used to solve the problem of finding the total number of objects in 6 groups of 4 objects each? (Select all that apply)**

**undefined. A) 4, 8, 12, 16, 20, 24 ✓**

undefined. A) 6, 12, 18, 24, 30, 36

undefined. A) 2, 4, 6, 8, 10, 12

undefined. A) 5, 10, 15, 20, 25, 30

The correct sequences are 4, 8, 12, 16, 20, 24.

**Create a real-world scenario where skip counting by 10s would be useful and explain how you would apply it.**

**A scenario could involve counting money in increments of 10.**

**Which number is missing in the skip counting sequence by 7s: 7, 14, \_\_, 28, 35?**

undefined. A) 19

**undefined. A) 21 ✓**

undefined. A) 24

undefined. A) 27

The missing number is 21.

**Analyze the following sequences and identify which ones do not follow a consistent skip counting pattern. (Select all that apply)**

undefined. A) 10, 20, 30, 40

**undefined. A) 15, 30, 45, 55 ✓**

**undefined. A) 2, 5, 8, 11 ✓**

undefined. A) 25, 50, 75, 100

The sequences that do not follow a consistent pattern are 15, 30, 45, 55 and 2, 5, 8, 11.

### Part 3: Evaluation and Creation

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**If a student claims that skip counting by 4s starting from 0 results in the sequence 0, 4, 9, 12, what error did they make?**

undefined. A) They skipped a number.

undefined. A) They added incorrectly.

**undefined. A) They used the wrong interval. ✓**

undefined. A) They started from the wrong number.

The student used the wrong interval.

**Create a skip counting sequence by 6s starting from 6. Which of the following numbers will be in your sequence? (Select all that apply)**

**undefined. A) 18 ✓**

**undefined. A) 24 ✓**

**undefined. A) 30 ✓**

**undefined. A) 36 ✓**

The numbers 18, 24, 30, and 36 will all be in the sequence.

**Design a skip counting activity for a classroom setting that incorporates real-world objects or scenarios. Describe the activity and its educational purpose.**

**An activity could involve counting blocks in groups to reinforce skip counting.**