

4 Multiplication Table Worksheet

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Part 1: Building a Foundation

What is the product of 4×3 ?

Hint: Think about the multiplication of 4 and 3.

- A) 7
- B) 12
- C) 16
- D) 10

Which of the following are multiples of 4? (Select all that apply)

Hint: Look for numbers that can be divided by 4 without a remainder.

- A) 8
- B) 15
- C) 20
- D) 25

Explain in your own words what it means for a number to be a multiple of 4.

Hint: Think about how multiples are formed.

List the first four numbers in the 4 multiplication table.

Hint: Start from 4 and keep adding 4.

1. First number:

2. Second number:

3. Third number:

4. Fourth number:

Part 2: Understanding and Interpretation

What pattern do you notice in the 4 multiplication table?

Hint: Consider how the numbers change as you multiply.

- A) Each number is odd
- B) Each number increases by 4
- C) Each number decreases by 2
- D) Each number is a prime number

Which statements are true about the 4 multiplication table? (Select all that apply)

Hint: Think about the properties of the numbers in the table.

- A) All products are even numbers
- B) The sequence skips odd numbers
- C) The products are always less than 40
- D) The sequence includes prime numbers

Describe how the commutative property applies to the 4 multiplication table.

Hint: Think about how changing the order of multiplication affects the result.

Part 3: Application and Analysis

If you have 4 packs of pencils and each pack contains 6 pencils, how many pencils do you have in total?

Hint: Multiply the number of packs by the number of pencils in each pack.

- A) 20
- B) 24
- C) 28
- D) 30

You are organizing chairs in rows of 4 for an event. Which of the following total numbers of chairs can be arranged in complete rows of 4? (Select all that apply)

Hint: Look for numbers that can be divided by 4 without a remainder.

- A) 16
- B) 22
- C) 28
- D) 35

Provide a real-life example where you might use the 4 multiplication table to solve a problem.

Hint: Think about situations involving groups or sets.

If $4 \times N = 36$, what is the value of N ?

Hint: Think about what number multiplied by 4 gives you 36.

- A) 8
- B) 9
- C) 10
- D) 11

Analyze how the pattern in the 4 multiplication table can help in quickly solving multiplication problems involving larger numbers.

Hint: Consider how recognizing patterns can simplify calculations.

Part 4: Evaluation and Creation

Which of the following scenarios best demonstrates the use of the 4 multiplication table in planning?

Hint: Think about situations where you need to calculate totals based on groups of 4.

- A) Calculating the total cost of items priced at \$4 each
- B) Dividing a pizza into 4 equal parts
- C) Measuring ingredients for a recipe
- D) Planning a trip itinerary

Evaluate the following statements and select those that correctly describe the benefits of knowing the 4 multiplication table. (Select all that apply)

Hint: Consider how multiplication knowledge can be applied in various situations.

- A) It helps in solving division problems quickly
- B) It is useful for estimating costs
- C) It is only useful in academic settings

D) It aids in understanding fractions

Create a word problem that involves the 4 multiplication table and provide a solution to it.

Hint: Think about a scenario that can be solved using multiplication.