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4 Multiplication Table Worksheet Questions and Answers PDF

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Part 1: Building a Foundation

What is the product of 4 x 3?

Hint: Think about the multiplication of 4 and 3.

◯ A) 7
◯ **B) 12** ✓
◯ C) 16
◯ D) 10

The product of 4 and 3 is 12.

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

The multiples of 4 from the options are 8 and 20.

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

Hint: Think about how multiples are formed.

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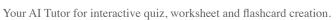4 Multiplication Table Worksheet Questions and Answers PDF

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> **A number is a multiple of 4 if it can be expressed as 4 times an integer.**

List the first four numbers in the 4 multiplication table.

Hint: Start from 4 and keep adding 4.

1. First number:

> 4

---

2. Second number:

> 8

---

3. Third number:

> 12

---

4. Fourth number:

> 16

> The first four numbers are 4, 8, 12, and 16.

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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

▌ Each number in the 4 multiplication table increases by 4.

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

▌ The true statements are that all products are even numbers and the sequence skips odd numbers.

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

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

▌ **The commutative property states that changing the order of factors does not change the product, so 4 x 3 is the same as 3 x 4.**

Part 3: Application and Analysis

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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 have a total of 24 pencils.

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

| The total numbers of chairs that can be arranged in complete rows of 4 are 16 and 28.

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.

| **An example could be calculating the total number of legs if there are 4 tables with 4 legs each.**

If 4 x N = 36, what is the value of N?

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

◯ A) 8

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○ **B) 9** ✓
○ C) 10
○ D) 11

> The value of N is 9.

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.

> **Recognizing that each number increases by 4 allows for quick calculations and helps in estimating larger products.**

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

> Calculating the total cost of items priced at $4 each demonstrates the use of the 4 multiplication table.

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** ✓

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☐ **B) It is useful for estimating costs** ✓
☐ C) It is only useful in academic settings
☐ **D) It aids in understanding fractions** ✓

> The correct statements are that it helps in solving division problems quickly and is useful for estimating costs.

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.

> **An example could be: If there are 4 baskets with 4 apples each, how many apples are there in total? The solution is 16 apples.**

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