

Single Digit Multiplication Worksheets

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Part 1: Building a Foundation

What is the product of 3 and 4?

Hint: Think about the multiplication table.

- A) 7
- C) 12
- D) 14
- C) 9

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Which of the following are correct products of single-digit multiplication?

Hint: Check each multiplication fact carefully.

- A) $2 \times 5 = 10$

- C) $4 \times 4 = 18$
- D) $9 \times 1 = 9$
- C) $6 \times 7 = 42$

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Explain why multiplying any number by zero results in zero.

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List the products of the following multiplications:

Hint: Fill in the blanks with the correct answers.

1. $2 \times 3 = \underline{\quad}$

2. $5 \times 5 = \underline{\quad}$

3. $7 \times 2 = \underline{\quad}$

List the products of the following multiplications:

Hint: Calculate each multiplication.

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Part 2: comprehension and Application

If you know that $4 \times 5 = 20$, what is 5×4 ?

Hint: Think about the commutative property.

- A) 15
- C) 25
- D) 30
- C) 20

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If you know that $4 \times 5 = 20$, what is 5×4 ?

Hint: Think about the commutative property of multiplication.

- A) 15
- C) 25
- D) 30
- C) 20

Which of the following statements about multiplication are true?

Hint: Evaluate each statement carefully.

- A) Multiplication is commutative.
- C) Multiplication is associative.
- D) Multiplying by zero gives a product of one.
- C) Multiplying by one leaves the number unchanged.

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Describe how the commutative property of multiplication can help simplify calculations.

Hint: Think about rearranging factors.

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If a classroom has 6 rows of desks with 4 desks in each row, how many desks are there in total?

Hint: Use multiplication to find the total.

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

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Which of the following scenarios can be solved using single-digit multiplication?

Hint: Consider each scenario carefully.

- A) Calculating the total number of apples in 3 baskets with 5 apples each.
- C) Determining the total cost of 7 pencils if each costs \$2.
- D) Calculating the perimeter of a square with side length 9.
- C) Finding the area of a rectangle with sides 4 and 5.

Which of the following scenarios can be solved using single-digit multiplication?

Hint: Think about everyday situations.

- A) Calculating the total number of apples in 3 baskets with 5 apples each.
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**A gardener plants 8 rows of flowers with 7 flowers in each row. How many flowers are there in total?
Show your calculation.**

Hint: Use multiplication to find the total number of flowers.

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Part 3: Analysis, Evaluation, and Creation

Which multiplication problem demonstrates the distributive property?

Hint: Think about how to break down multiplication.

- A) $3 \times (4 + 5) = 3 \times 4 + 3 \times 5$
- C) $7 \times 1 = 7$
- D) $9 \times 0 = 0$
- C) $6 \times 2 = 12$

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Analyze the following statements and identify which are true about multiplication:

Hint: Evaluate each statement carefully.

- A) The product of two even numbers is always even.
- C) The product of two odd numbers is always odd.
- D) Multiplication can be undone by division.
- C) The product of an even and an odd number is always odd.

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Explain how you can use multiplication to check the result of a division problem.

Hint: Think about the relationship between multiplication and division.

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Which strategy is most effective for quickly solving 9×6 ?

Hint: Consider different multiplication strategies.

- A) Counting by nines
- C) Multiplying 6×10 and subtract 6
- D) Guess the answer
- C) Using the fact that $9 \times 5 = 45$ and adding 9

Which strategy is most effective for quickly solving 9×6 ?

Hint: Consider different strategies you know.

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Evaluate the following strategies for solving 8×7 and select those that are efficient:

Hint: Consider different multiplication strategies.

- A) Doubling 4×7
- C) Using the known fact $7 \times 8 = 56$
- D) Multiplying 8×5 and adding 16
- C) Adding 8×6 and 8

Evaluate the following strategies for solving 8×7 and select those that are efficient:

Hint: Consider the efficiency of each strategy.

- A) Doubling 4×7
- C) Using the known fact $7 \times 8 = 56$
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Create a real-world problem that can be solved using single-digit multiplication, and provide the solution.

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