



# Practice Worksheet on Multiplication and Division of Natural Numbers

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Subject: Mathematics

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## Long Answer Questions

1. What is the product of 116 and 10?
2. Calculate  $145 * 5 * 4$  using a convenient method.
3. What is 216 divided by 4?
4. Find the quotient of 7500 and 250.
5. Divide 232 by 6, indicating the quotient and remainder.
6. Simplify the expression  $(7 - 4d)$ .
7. Solve the word problem: Serhiy is four times older than his brother Sasha and five times younger than his father. How old is the father if Sasha is 2 years old?

8. Simplify  $(5p - 2k + 3t) - 2a$ .

## Multiple Choice Questions

1. What is the product of 116 and 10?

- a) 1160
- b) 116
- c) 1260
- d) 1060

2. Calculate  $145 * 5 * 4$ .

- a) 2900
- b) 2800
- c) 2700
- d) 3000

3. What is the result of 216 divided by 4?

- a) 54
- b) 56
- c) 52
- d) 58

4. Find the quotient of 7500 and 250.

- a) 30
- b) 25
- c) 35
- d) 20

5. Divide 232 by 6 and find the quotient and remainder.

- a) 38, remainder 4
- b) 39, remainder 1
- c) 37, remainder 2
- d) 36, remainder 3

6. Simplify the expression  $(7 - 4d)$ .

- a)  $7 - 4d$
- b)  $(7 - 4)d$
- c)  $7 - 4 + d$
- d)  $7d - 4d$

7. Solve the word problem: Serhiy is four times older than his brother Sasha and five times younger than his father. How old is the father if Sasha is 2 years old?

- a) 20
- b) 18
- c) 16
- d) 22

8. Simplify the expression  $(5p - 2k + 3t) - 2a$ .

- a)  $5p - 2k + 3t - 2a$
- b)  $5p - 2k + 3t + 2a$
- c)  $5p + 2k + 3t - 2a$
- d)  $5p - 2k - 3t - 2a$

# Answer Key

## Long Answer Questions - Expected Responses

1. What is the product of 116 and 10?

Expected Answer: Multiply the numbers as shown to get the result.

2. Calculate  $145 * 5 * 4$  using a convenient method.

Expected Answer: Simplify the expression by multiplying and adding the numbers.

3. What is 216 divided by 4?

Expected Answer: Divide 216 by 4 using long division method.

4. Find the quotient of 7500 and 250.

Expected Answer: Divide 7500 by 250 to get the result.

5. Divide 232 by 6, indicating the quotient and remainder.

Expected Answer: Divide the numbers, indicating the quotient and the remainder.

6. Simplify the expression  $(7 - 4d)$ .

Expected Answer: Remove the parentheses from the given expression.

7. Solve the word problem: Serhiy is four times older than his brother Sasha and five times younger than his father. How old is the father if Sasha is 2 years old?

Expected Answer: Solve the word problem by writing the equations and solving them.

8. Simplify  $(5p - 2k + 3t) - 2a$ .

Expected Answer: Simplify and solve the given expression by solving the parentheses first.

## Multiple Choice Questions – Correct Answers

1. What is the product of 116 and 10?

Correct Answer: 1160

2. Calculate  $145 * 5 * 4$ .

Correct Answer: 2900

3. What is the result of 216 divided by 4?

Correct Answer: 54

4. Find the quotient of 7500 and 250.

Correct Answer: 30

5. Divide 232 by 6 and find the quotient and remainder.

Correct Answer: 38, remainder 4

6. Simplify the expression  $(7 - 4d)$ .

Correct Answer:  $7 - 4d$

7. Solve the word problem: Serhiy is four times older than his brother Sasha and five times younger than his father. How old is the father if Sasha is 2 years old?

Correct Answer: 20

8. Simplify the expression  $(5p - 2k + 3t) - 2a$ .

Correct Answer:  $5p - 2k + 3t - 2a$