

Multiplication and Division Expressions - I

1. Find the value of the expression. Follow the order of operations.

- a. $3 + (4 - 2)$
- b. $5 + (6 \times 3)$
- c. $(7 \times 4) + (8 - 6)$
- d. $6 \times (5 + 8 - 12)$
- e. $(36 \div 9) \times (6 - 2 \times 2)$
- f. $(54 \div 6) \div (11 - 4 \times 2)$
- g. $(14 - 12) \times (3 - 6 + 9)$
- h. $(24 - 12) \div (12 - 6) \times 2$

Solution:

- a. _____
- b. _____
- c. _____
- d. _____
- e. _____
- f. _____
- g. _____
- h. _____

2. Use parentheses to make the sentence true.

- a. $8 + 4 \div 3 = 4$
- b. $14 \div 3 + 4 + 1 = 3$
- c. $8 \times 5 - 5 + 1 \div 3 = 38$
- d. $3 + 9 \div 3 + 1 = 3$

Solution:

- | | |
|----------|----------|
| a. _____ | c. _____ |
| b. _____ | d. _____ |

3. Write an expression and find the value of the expression.

- a. Zoe has 15 items in her pencil box. 6 of them are pencils and 5 are erasers. Rests of the items are highlighters. How many highlighters does Zoe have?
- b. Abe had \$14. He spent \$7 and then was given \$6.
- c. Felix had 2 bill of \$10 each. Felix bought 3 chocolate bars for \$2 each. He also bought 2 bags of chips for \$3 each. He paid \$2 in sales tax. How much money does he have now?
- d. Rahm ran 5 miles per hour for 2 hours and then walked 2 miles per hour for another 2 hours. How much distance did he go?
- e. Zenna had 2 boxes of cookies. Each box contained 12 cookies. She distributed the cookies among 6 children. How many cookies did each child get?

Solution:

- a. _____
- b. _____
- c. _____
- d. _____
- e. _____

4. Write a word sentence that matches the expression?

- a. $4 + (6 \times 5)$
- b. $7 \times (2 + 8)$

Solution:

- a. _____

- b. _____

Answer Key: Multiplication and Division Expressions - I

1.

- a. 5
- b. 23
- c. 30
- d. 6
- e. 8
- f. 27
- g. 12
- h. 4

2.

- a. $(8 + 4) \div 3$
- b. $14 \div (3 + 4) + 1$
- c. $(8 \times 5) - (5 + 1) \div 3$
- d. $(3 + 9) \div (3 + 1)$

3.

- a. $15 - (6 + 5) = 4$
- b. $14 - 7 + 6 = 13$
- c. $20 - (3 \times 2) - (2 \times 3) - 2 = 6$
- d. $(5 \times 2) + (2 \times 2) = 14$
- e. $(2 \times 12) \div 6 = 4$

4.

- a. 4 added to the product of 6 and 5
- b. 7 times the sum of 2 and 8