

1. Given the expression $8 + 1 + 4 + 2$:
- a. How many terms does the expression have? _____
- b. What type of expression does $8 + 1 + 4 + 2$ represent? _____
- A) Sum B) Difference C) Product D) Quotient
2. Given the expression 2×4 :
- a. How many terms does the expression have? _____
- b. What type of expression does 2×4 represent? _____
- A) Sum B) Difference C) Product D) Quotient
3. Given the expression $\frac{56}{8}$:
- a. How many terms does the expression have? _____
- b. What type of expression does $\frac{56}{8}$ represent? _____
- A) Sum B) Difference C) Product D) Quotient
4. Given the expression $8m$:
- a. What are the factors in the expression? _____, _____
- b. What type of expression does $8m$ represent? _____
- A) Sum B) Difference C) Product D) Quotient

5. Given the expression $4 + x$:
- a. How many terms does the expression have? _____
- b. What type of expression does $4 + x$ represent? _____
- A) Sum B) Difference C) Product D) Quotient
- c. What is the constant term? _____
6. Given the expression $m - 2$:
- a. How many terms does the expression have? _____
- b. What type of expression does $m - 2$ represent? _____
- A) Sum B) Difference C) Product D) Quotient
- c. What is the constant term? _____
7. Given the expression $\frac{u}{7}$:
- a. Which of the following expressions is equivalent? _____
- A) $\frac{7}{u}$ B) $\frac{1}{u} \times 7$ C) $\frac{1}{7u}$ D) $\frac{1}{7}u$
- b. What type of expression does $\frac{u}{7}$ represent? _____
- A) Sum B) Difference C) Product D) Quotient

8. Given the expression $7(5 + 3)$:
What are the factors in the expression? _____ , _____
9. The expression $2 + 3n$ represents the cost of a n -minute international phone call, where 2 represents the connection cost.
- How many terms are in the expression? _____
 - What is the first term? _____
 - Identify the coefficient. _____
 - Identify the constant term. _____
10. The expression $4x + 8$ represents the cost of a n -minute international phone call, where 8 represents the connection cost.
- How many terms are in the expression? _____
 - What is the first term? _____
 - Identify the coefficient. _____
 - Identify the constant term. _____

11. Consider the expression $-2b + 2b + 5$.

a. How many terms are in the expression? _____

b. What is the second term? _____

c. Identify a pair of like terms. _____, _____

d. Identify the coefficients. _____, _____

e. Identify the constant term. _____

12. Consider the expression $6 + 7u + 8$.

a. How many terms are in the expression? _____

b. What is the third term? _____

c. Identify a pair of like terms. _____, _____

d. Identify the coefficient. _____

e. Identify the constant terms. _____, _____

13. Consider the expression $4v - v + 2v + 7$.

a. How many terms are in the expression? _____

b. What is the fourth term? _____

c. Identify the like terms. _____ , _____ , _____

d. Identify the coefficients. _____ , _____ , _____

e. Identify the constant term. _____

14. Consider the expression $7 - 2b - 8 + 4b$.

a. How many terms are in the expression? _____

b. What is the second term? _____

c. Identify the pairs of like terms. _____ , _____

_____ , _____

d. Identify the coefficients. _____ , _____

e. Identify the constant terms. _____ , _____

15. Consider the expression $3u + 9v$.

a. What does the expression represent? _____

A) The product of two sums B) The product of two factors

C) The sum of four factors D) The sum of two products

b. What are the terms in the expression? _____, _____

c. How many factors are in each term? _____

d. What is the second factor of the first term? _____

16. Consider the expression $(j + 9)(4 + k)$.

a. What does the expression represent? _____

A) The product of two sums B) The sum of two terms

C) The product of four factors D) The sum of two products

b. What are the factors in the expression? _____, _____

c. How many terms are in each factor? _____

d. What is the first term of the second factor? _____