

Writing and Evaluating Expressions

 Bell work

1. Write YES if the expression is an algebraic expression or NO if it is not.

a. $16 - 8a \div 4 + 10b =$

b. $21 \div 3 + 7 - \frac{32}{4} + 64 \div 8^2 =$

c. $\frac{x}{4} + 22y - 123 =$

2. Write T for true or F for false

- a. Exponents are more powerful than multiplication or division.
- b. Expressions are used to write word problems in math terms.

Multiple Choice

3. What is the variable in the expression $33 \div 3 - 4a$?

- a. a
- b. $33 \div 3$
- c. 4

4. Which of the following is not an algebraic expression?

- a. $45 \div 9 + 16z$
- b. $8x + 2$
- c. $5 * 4 + \frac{12}{3}$

5. Which of the following is a numerical expression?

- a. $\frac{4x}{3} + 16$
- b. $2x - 34$
- c. $(12 \div 6 + 2^2) - 14$

Writing and Evaluating Expressions

 Bell work

ANSWERS

1. Write YES if the expression is an algebraic expression or NO if it is not.

a. $16 - 8a \div 4 + 10b =$ **YES**

b. $21 \div 3 + 7 - \frac{32}{4} + 64 \div 8^2 =$ **NO**

c. $\frac{x}{4} + 22y - 123 =$ **YES**

2. Write T for true or F for false

a. Exponents are more powerful than multiplication or division. **T**

b. Expressions are used to write word problems in math terms. **T**

Multiple Choice

3. What is the variable in the expression $33 \div 3 - 4a$?

a. **a**

b. $33 \div 3$

c. 4

4. Which of the following is not an algebraic expression?

a. $45 \div 9 + 16z$

b. $8x + 2$

c. $5 * 4 + \frac{12}{3}$

5. Which of the following is a numerical expression?

a. $\frac{4x}{3} + 16$

b. $2x - 34$

c. **$(12 \div 6 + 2^2) - 14$**