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

|  |  |  |  |
| --- | --- | --- | --- |
| **a.** | $$16-8a÷4+10b=$$ | **b.** | $$21÷3+7-\frac{32}{4}+64÷8^{2}=$$ |
|  |  |  |
| **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** $33÷3-4a?$

|  |  |  |
| --- | --- | --- |
| **a.** | $$a$$ |  |
| **b.** | $$33÷3$$ |  |
| **c.** | $$4$$ |  |

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

|  |  |  |
| --- | --- | --- |
| **a.** | $$45÷9+16z$$ |  |
| **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.** | $$\left(12÷6+2^{2}\right)-14$$ |  |

**ANSWERS**

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

|  |  |  |
| --- | --- | --- |
| **a.** | $$16-8a÷4+10b=$$ | **YES** |
| **b.** | $$21÷3+7-\frac{32}{4}+64÷8^{2}=$$ | **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** $33÷3-4a?$

|  |  |  |
| --- | --- | --- |
| **a.** | $$a$$ |  |
| **b.** | $$33÷3$$ |  |
| **c.** | $$4$$ |  |

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

|  |  |  |
| --- | --- | --- |
| **a.** | $$45÷9+16z$$ |  |
| **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.** | $$\left(12÷6+2^{2}\right)-14$$ |  |