**Multiple Choice**

|  |  |  |
| --- | --- | --- |
| **1.** | Which of the following is not a variable expression? | |
|  | a.) | b.) |
|  | c.) | d.) |

|  |  |  |
| --- | --- | --- |
| **2.** | What is the value of the expression | |
|  | a.) | b.) |
|  | c.) | d.) |

**3.** **Write an algebraic expression for each verbal phrase.**

|  |  |
| --- | --- |
| **a.** | The product of and 7 decreased by 34. |
|  |  |
| **b.** | The quotient of 45 and increased by 6 |
|  |  |

**4.** **Write each as a verbal expression.**

|  |  |
| --- | --- |
| **a.** |  |
|  |  |
| **b.** |  |
|  |  |

**5. If , , and , evaluate the following by substituting these values into the following expression.**

|  |  |  |  |
| --- | --- | --- | --- |
| **a.** |  | **b.** |  |
|  |  |  |  |

**ANSWERS**

**Multiple choices**

|  |  |  |
| --- | --- | --- |
| **1.** | Which of the following is not a variable expression? | |
|  | a.) | b.) |
|  | c.) | d.) |

|  |  |  |
| --- | --- | --- |
| **2.** | What is the value of the expression | |
|  | a.) | b.) |
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**3.** **Write an algebraic expression for each verbal phrase.**

|  |  |
| --- | --- |
| **a.** | The product of and 7 decreased by 34. |
|  |  |
| **b.** | The quotient of 45 and increased by 6 |
|  |  |

**4.** **Write each as a verbal expression.**

|  |  |
| --- | --- |
| **a.** |  |
|  | a number minus 216 |
| **b.** |  |
|  | divided by 15 |

**5. If , , and , evaluate the following by substituting these values into the following expression.**

|  |  |  |  |
| --- | --- | --- | --- |
| **a.** |  | **b.** |  |
|  |  |  |  |