**Find the value of each numerical expression. Follow the order of operations when finding each value.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **1.** |  | **2.** |  | **3.** |  |
|  |  |  |  |  |  |

**Find the terms, constant/s and coefficient/s for each expression.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **4.** |  | **5.** |  | **6.** |  |
|  |  |  |  |  |  |
| **7.** |  | **8.** |  | **9.** |  |
|  |  |  |  |  |  |

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

|  |  |  |  |
| --- | --- | --- | --- |
| **10.** | increased by 8 | **11.** | the product of and 10 |
|  |  |  |  |
| **12.** | the quotient of 24 and 6 | **13.** | decreased by 23 |
|  |  |  |  |
| **14.** | The sum of and 12, divided by 5 | **15.** | 6 more than 6 times a number |
|  |  |  |  |

**Write each as a verbal expression.**

|  |  |  |  |
| --- | --- | --- | --- |
| **16.** |  | **17.** |  |
|  |  |  |  |
| **18.** |  | **19.** |  |
|  |  |  |  |
| **20.** |  | **21.** |  |
|  |  |  |  |

**Evaluate each expression using the values given.**

|  |  |  |
| --- | --- | --- |
| **22.** |  |  |
| **23.** |  |  |
| **24.** |  |  |
| **25.** |  |  |

**Write an algebraic expression for each problem.**

|  |  |
| --- | --- |
| **26.** | Jessica had books. Then she went to a book sale and bought 12 more books. Choose the expression that shows how many books Jessica has now. |
|  |  |
| **27.** | There were birds on the tree. 22 of the birds flew away. Choose the expression that shows how many birds are on the tree now. |
|  |  |
| **28.** | John has cookies. He splits them evenly among 13 bags. Choose the expression that shows how many cookies are in each bag. |
|  |  |

**ANSWERS**

**Find the value of each numerical expression. Follow the order of operations when finding each value.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **1.** |  | **2.** |  | **3.** |  |
|  |  |  |  |  |  |

**Find the terms, constant/s and coefficient/s for each expression.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **4.** |  | **5.** |  | **6.** |  |
|  |  |  |  |  |  |
| **7.** |  | **8.** |  | **9.** |  |
|  |  |  |  |  |  |

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|  |  |  |  |
| --- | --- | --- | --- |
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|  |  |  |  |
| **14.** | The sum of and 12, divided by 5 | **15.** | 6 more than 6 times a number |
|  |  |  |  |

**Write each as a verbal expression.**

|  |  |  |  |
| --- | --- | --- | --- |
| **16.** |  | **17.** |  |
|  | the difference of 19 and 14 |  | half of |
| **18.** |  | **19.** |  |
|  | divided by 14 |  | twice |
| **20.** |  | **21.** |  |
|  | increased by 122 |  | 12 times a number |

**Evaluate each expression using the values given.**

|  |  |  |
| --- | --- | --- |
| **22.** |  |  |
| **23.** |  |  |
| **24.** |  |  |
| **25.** |  |  |

**Write an algebraic expression for each problem.**

|  |  |
| --- | --- |
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|  |  |