**Write an algebraic expression for the word expression.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **1.** | The quotient ofand 14 | **2.** | The sum of 15 and the  product of 5 and | **3.** | Twice a number increased by 13. |
|  |  |  |  |  |  |
| **4.** | The sum of 7 and the product of 2 and | **5.** | 16 decreased by | **6.** | A number divided by 4 |

**Write the word expression for each algebraic expression.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **7.** |  | **8.** |  | **9.** |  |
|  |  |  |  |  |  |
| **10.** |  | **11.** |  | **12.** |  |

**Write an expression to match the words.**

|  |  |  |
| --- | --- | --- |
| **13.** | Alan had 9 fish and bought some more. |  |
| **14.** | Represent the total number of calories in peanuts and potato chips if each peanut contains 5 calories and each potato chip contains 10 calories. |  |
| **15.** | Karen spent $300 on jacket and jeans. If she spent dollars for the jacket, represent the amount she spent for the jeans. |  |
| **16.** | If a plane travel kilometers per hour, represent the distance it will travel in hours. |  |

**Use a bar model to represent each expression.**

|  |  |  |
| --- | --- | --- |
| **17.** |  |  |
| **18.** |  |  |

**Evaluate each expression for the given values of the variable.**

|  |  |  |  |
| --- | --- | --- | --- |
| **19.** |  | **20.** |  |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **21.** |  | **22.** |  |
|  |  |  |  |

**ANSWERS**

**Write an algebraic expression for the word expression.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **1.** | The quotient ofand 14 | **2.** | The sum of 15 and the  product of 5 and | **3.** | Twice a number increased by 13. |
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|  |  |  |  |  |  |

**Write the word expression for each algebraic expression.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **7.** |  | **8.** |  | **9.** |  |
|  | The difference of a number and 6 |  | A number take away 4 |  | cubed increased by 5 |
| **10.** |  | **11.** |  | **12.** |  |
|  | 3 times squared |  | 6 more than the product 2 times |  | The sum of a number and 4, all divided by 3 |

**Write an expression to match the words.**

|  |  |  |
| --- | --- | --- |
| **13.** | Alan had 9 fish and bought some more. |  |
| **14.** | Represent the total numbers of calories in peanuts and potato chips if each peanut contains 5 calories and each potato chip contains 10 calories. |  |
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**Use a bar model to represent each expression.**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **17.** |  | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  | |
| **18.** |  | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |

**Evaluate each expression for the given values of the variable.**

|  |  |  |  |
| --- | --- | --- | --- |
| **19.** |  | **20.** |  |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **21.** |  | **22.** |  |
|  |  |  |  |