Cory runs 3 miles every day. Write an equation to express the relationship between the miles, m, and the days, d. Use the table below to show how many miles he runs in 1, 3, 4, 8, and 10 days.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| https://encrypted-tbn1.gstatic.com/images?q=tbn:ANd9GcTAdWyjw1s4h_airHL6shcmSWN2rngzUH13v9glu7eJWpMJ3uyz | Dependent variable: \_\_\_\_\_\_\_\_\_\_\_\_\_  Independent Variable:\_\_\_\_\_\_\_\_\_\_\_\_\_\_  The total \_\_\_\_\_\_\_\_\_\_\_ is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.  Equation:   |  |  | | --- | --- | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |

Liz wants to buy one bag chip for $4 and several bottles of soda that cost $2 each.

Write an equation to express the total cost, c. Use the table below to show her total if she buys 3, 4, 5, 6, and 7 bottles of soda.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| https://encrypted-tbn1.gstatic.com/images?q=tbn:ANd9GcTAdWyjw1s4h_airHL6shcmSWN2rngzUH13v9glu7eJWpMJ3uyz | Dependent variable: \_\_\_\_\_\_\_\_\_\_\_\_\_  Independent Variable:\_\_\_\_\_\_\_\_\_\_\_\_\_\_  The total \_\_\_\_\_\_\_\_\_\_\_ is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.  Equation:   |  |  | | --- | --- | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |

Use fact families to solve the following equations. Solve and check.

|  |  |
| --- | --- |
| Check: | Check: |
| Combine like terms. | |
|  |  |
| Use the commutative, associative or distributive property to find an equivalent expression. Name the property you used. | |
| (a+b)+c | 5(m-8) |
| 7 +m | kw |
| Substitute to find the value of the expression. | |
| The equation is used to calculate the equivalent temperature in Fahrenheit from Celsius. If it is currently 50 degrees Fahrenheit, how many degrees in Celsius is that equivalent to? | |
| Find a common factor in each term to rewrite each expression. | |
| 28y + 36 = | 8a – 24m= |