* 1. Burger Boy has a special offer on Burgers each. They charge to deliver, regardless of how many pizzas are ordered. Determine the cost for various numbers of pizzas, and also determine the expression that describes the cost of having pizzas delivered.

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| **Number of Pizzas Delivered** | **Total Cost in Dollars** |
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What mathematical operations did you need to perform to find the total cost?

If our class had 30 people and we bought a burger for each one how much would it cost to hbuy them and have them delivered?

* 1. If the booster club had to spend on pizza, what is the greatest number of pizzas they could order?

DVD videos cost each at the Music Emporium. The company charges for shipping and handling, regardless of how many compact DVD’s are purchased.

* 1. Create a table of values that shows the relationship between the number of compact discs that Mickey buys, , and the amount of money Mickey spends, , in dollars.

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| --- | --- |
| **Number of CDs Mickey Buys ()** | **Total Cost in Dollars ()** |
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|  |  |

* 1. If you know how many DVDs Mickey orders, can you determine how much money he spends? Write the corresponding expression.
  2. Use your expression to determine how much Mickey spent buying DVDs.

1. Mr. Gee’s class orders paperback books from a book club. The books cost each. Shipping charges are set at , regardless of the number of books purchased.
   1. Create a table of values that shows the relationship between the number of books that Mr. Gee’s class buys, , and the amount of money they spend, , in dollars.

|  |  |
| --- | --- |
| **Number of Books Ordered ()** | **Amount of Money Spent in Dollars ()** |
|  |  |
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|  |  |

* 1. If you know how many books Mr. Gee’s class orders, can you determine how much money they spend? Write the corresponding expression.
  2. Use your expression to determine how much Mr. Gee’s class spent buying books.

1. Sarah is saving money to take a trip to Oregon. She received in graduation gifts and saves per week working.
   1. Write an expression that shows how much money Sarah has after working weeks.
   2. Create a table that shows the relationship between the amount of money Sarah has () and the number of weeks she works ().

|  |  |
| --- | --- |
| **Amount of Money Sarah Has ()** | **Number of Weeks Worked ()** |
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* 1. The trip will cost . How many weeks will Sarah have to work to earn enough for the trip?