Relating Tables and Graphs

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Oatmeal | Tuna | Penne Pasta | Sourdough Pretzels | Whole Wheat Rolls |
| 1 ounce |  |  |  |  |  |
| 3 oz. |  |  |  |  |  |
| 7.5 oz. |  | $2.00 |  |  |  |
| 8 oz. |  |  | $1.00 |  |  |
| 9 oz. |  |  |  |  | $1.60 |
| 12 oz. |  |  |  | $2.60 |  |
| 14 oz. | $2.40 |  |  |  |  |

1. Using the information given in the table above, **construct a price graph**.
2. Using your **price graph**, fill in the missing information in the rate table above.
3. Which product is most expensive per ounce? The least expensive per ounce? How is this shown in the graph? The rate table?
4. How could you have used the information in the **rate table** to fill in the missing information?
5. Using your **price graph**, about how much would you pay for 6 ounces of sourdough pretzels?
6. Using your **rate table**, about how much would you pay for 5 ounces of whole wheat rolls?

Use a your table or graph to help you solve the following problems.

1. Crabtree Middle School is holding a fundraiser dinner for 2,000 people. If the students need to cook 4 ounces of pasta per person, how much will it cost to buy enough penne pasta for the fundraiser?
2. Daphne always goes skiing with her family during winter break. This year, in addition to her mom, dad, and brother, her aunt, uncle, and 3 cousins are joining them. If everyone agrees to have oatmeal for breakfast each morning, how much will it cost for each person to eat 6 ounces every morning for 5 days?
3. While shopping for oatmeal, Daphne’s mom finds another brand of oatmeal on sale for $2.65 for 16 ounces. Which oatmeal is the better buy? How much will she save buying the better buy in comparison to the other brand? Use a table or graph to show your work.
4. Shamik’s family is moving from Raleigh, North Carolina to Los Angeles, California. They have to drive 2,520 miles. His dad says he knows he can drive 360 miles in 6 hours. If Shamik’s family drives for 8 hours a day, about how many days of driving will his family have to do?