

. You have seen that many of the costs for the Ocean Bike Tour depend on the number of customers. This table shows a new relationship between the number of customers and the cost of a ferry ride.

**Costs for Ferry Ride**

|                   |        |        |        |         |         |         |         |         |         |
|-------------------|--------|--------|--------|---------|---------|---------|---------|---------|---------|
| <b>Customers</b>  | 1      | 2      | 3      | 4       | 5       | 6       | 7       | 8       | 9       |
| <b>Ferry Cost</b> | \$2.50 | \$5.00 | \$7.50 | \$10.00 | \$12.50 | \$15.00 | \$17.50 | \$20.00 | \$22.50 |

- Write an equation for the rule relating ferry cost  $f$  and number of customers  $n$ .
- Use your equation to find the cost if 35 people are on the tour.
- How many people can go on the ferry if the tour leader has \$75?



- If you made a graph would it make sense to connect the dots? Explain.