Graphing Practice Problem

|  |  |
| --- | --- |
| **Water Temperature in °C** | **Number of Developing Clams** |
| 15 | 70 |
| 20 | 90 |
| 25 | 120 |
| 30 | 140 |
| 35 | 70 |
| 40 | 40 |
| 45 | 10 |
| 50 | 0 |

**A clam farmer has been keeping records concerning the water temperature and the number of clams developing from the fertilized eggs. The data is recorded above.**

**1. What is the independent variable?**

**2. What is the dependent variable?**

**3.On a separate piece of graph paper make a line graph of the data.**

**Drawing Conclusions:**

**4. Based on the data given, what is the best temperature for clam development?**