

Week 2Rates of Dissolving

Day by Day pg. 86-90

Activity: Drawing a Line Graph

Use the following information the table to answer the questions below:

Temperature (°C)	Time 1	Time 2	Average Time (sec)
10	6 min 15 sec	6 min	
55	180 sec	3 min 40 sec	
70	1 min 50 sec	120 sec	

1. Convert the Times from minutes to seconds. (6)
2. Calculate the average times for each temperature (3)
3. What unit do we use to measure temperature? (1)
4. Use the average times that you calculated to draw a line graph (7)
5. In the investigation above, which variable would you say is the independent and which would you say is the dependent? (2)
6. Which temperature would you say has the fastest rate of dissolving and why? (2)

TOTAL: 25