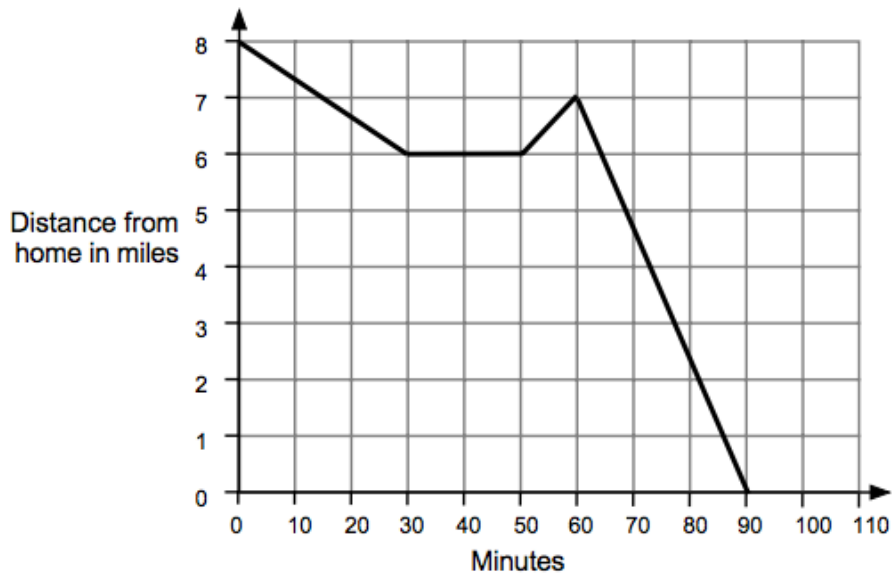


Journey Home

Sylvia bikes home along a straight road from her friend's house, a distance of 8 miles. The graph shows her journey.



1. Describe what may have happened in this situation.
3. On what interval(s) is the graph decreasing? Use inequality notation.
4. On what interval(s) is the graph increasing? Use set builder notation.
5. On what interval(s) is the graph constant? Use interval notation.
6. What is the slope for the interval $0 \leq x \leq 30$? What does the slope for this interval mean in terms of the context?
7. What is the slope for the interval $50 \leq x \leq 60$? What does the slope for this interval mean in terms of the context?