

Chapter 9 Math Link Introduction

This worksheet will help you with the Math Link introduction on page 331.

Paulette decides to climb to Whistler Peak on the Via Ferrata trail. She times the last eight 100-m sections of her climb. Her times are recorded in the table below.

Section Number	Time per Section (min)	Total Distance (m)	Total Time (min)	Ordered Pair (Total Distance, Total Time)
1	10	100	10	(100, 10)
2	9	200	19	(200, 19)
3	10			
4	11			
5	10			
6	30			
7	10			
8	10			

2. Describe patterns that you see in the table.

3. Give two reasons why you think her sixth time was so different from all the others.

4. a) Complete the ordered pairs in the table.

b) Plot the ordered pairs on grid paper. Label the axes.

5. Describe patterns you see on your graph.
