

Reading and Interpreting Stem-and-Leaf Plots

The average time (in seconds) taken by the swimmers to complete 50m freestyle swimming is given below. Read and interpret the stem-and-leaf plot to answer the following questions.

Stem	Leaf				
44	3	6	8	9	
45	0	2	2	3	6
47	1	1	1	7	
48	2	5			

Key: 45 | 6 = 45.6 seconds

- 1) What is the range of the given data? _____
- 2) What is the mode of the given data? _____
- 3) How long did the fastest swimmer take to complete the race? _____
- 4) How many swimmers took 47.1 seconds to complete 50m freestyle swimming? _____
- 5) What is the median of the given data? _____