

Section 3.8: Stem Leaf Diagrams

Part I: What is a Stem Leaf Diagram?

Part II: Examples of Stem Leaf Diagrams

1. Show a stem leaf diagram for the speed (in mph) of traffic on Main Street in Radford as recorded by a police officer on a Saturday afternoon.

21, 33, 35, 12, 36, 17, 39, 49, 33, 19, 26, 40, 8, 16, 11

2. Find the range, mean, median, and mode from the stem leaf diagram below.

Key: 4 | 8 = 4.8

4 | 2 3 5

5 | 2 3

6 | 1 2 4

7 |

8 | 1 1 1 3 3