

Troubleshooting: Understanding Cause and Effect 182

1. The following data show the numbers of defective parts in each order.

6, 5, 4, 4, 5, 3, 9, 8, 6, 4, 3, 4, 7, 5, 4, 3, 8, 4, 9, 3

Make a frequency table of the data.

Defective Parts	Frequency
3	4

Check sheet supplied by ToolingU-SME

The “range” is just the difference between the largest and smallest values.

2. Find the mean, median, mode, and range for the following list of values:

13, 18, 13, 14, 13, 16, 14, 21, 13

mean:

median:

mode:

range:



Unless otherwise noted, this work by the *Project IMPACT* Nebraska Community College Consortium is licensed under the Creative Commons Attribution 4.0 International License. To view a copy of this license, visit <http://creativecommons.org/licenses/by/4.0/>.

This product was funded by a grant awarded by the U.S. Department of Labor’s Employment and Training Administration. The product was created by the grantee and does not necessarily reflect the official position of the U.S. Department of Labor. The Department of Labor makes no guarantees, warranties, or assurances of any kind, express or implied, with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability, or ownership.