

## Introduction to Statistics Worksheet 1

Name \_\_\_\_\_

Date \_\_\_\_\_

1. Find the range of each set of data.

(a) 5, 10, 9, 7, 11, 8, 13 \_\_\_\_\_

(b) 1.3, 2.1, 1.8, 2.3, 2.2, 1.5 \_\_\_\_\_

(c)  $-14$ ,  $+13$ ,  $-15$ ,  $0$ ,  $+12$ ,  $-16$ ,  $+11$  \_\_\_\_\_

(d) 149, 218, 321, 0, 156, 223, 219 \_\_\_\_\_

2. Find the median of each set of data.

(a) 5, 10, 9, 7, 11, 8, 13 \_\_\_\_\_

(b) 1.3, 2.1, 1.8, 2.3, 2.2, 1.5 \_\_\_\_\_

(c)  $-14$ ,  $+13$ ,  $-15$ ,  $0$ ,  $+12$ ,  $-16$ ,  $+11$  \_\_\_\_\_

(d) 149, 218, 321, 0, 156, 223, 219 \_\_\_\_\_

(e) \$215, \$211, \$246, \$213, \$287 \_\_\_\_\_

(f) 49, 62, 57, 44, 51, 67, 46 \_\_\_\_\_

3. Find the mean of each set of data. Round decimal answers to the nearest tenth.

a) 5, 10, 9, 7, 11, 8, 13 \_\_\_\_\_

b) 1.3, 2.1, 1.8, 2.3, 2.2, 1.5 \_\_\_\_\_

c) 149, 218, 321, 0, 156, 223, 219 \_\_\_\_\_

d) \$215, \$211, \$246, \$213, \$287 \_\_\_\_\_

e) 49, 62, 57, 44, 51, 67, 46 \_\_\_\_\_

4. Find the mode(s) of each set of data.

(e) 5, 10, 9, 7, 10, 8, 13 \_\_\_\_\_

(f) 1.3, 2.1, 1.8, 2.3, 2.2, 2.1 \_\_\_\_\_

(g)  $-14$ ,  $+13$ ,  $+15$ ,  $0$ ,  $+12$ ,  $-14$ ,  $+15$  \_\_\_\_\_

(a) 149, 218, 321, 0, 156, 223, 219 \_\_\_\_\_