Name: _____ Date: _____

Sharing the total

A sample of five delivery times, in minutes: 4, 6, 6, 8, 11.

(a) Find the mean and median. State the units.

(b) Find the mode and range.

(c) Find the sample standard deviation, rounded to three decimal places. Explain which calculator output applies.

A whole club

The reading times, in minutes, of every member of a five person club: 3, 5, 5, 7, 10.

(a) Find the mean and median. State the units.

(b) Find the mode and range.

(c) Find the population standard deviation, rounded to three decimal places. Explain which calculator output applies.

One unusually long wait

A sample of five waiting times, in minutes: 2, 4, 6, 8, 10.

(a) Find the mean and median. State the units.

(b) Find the mode and range.

(c) Find the sample standard deviation, rounded to three decimal places. Explain which calculator output applies.

(d) Replace 10 minutes with 30 minutes. Recalculate the mean and median. Which measure changes less, and why?