

Master Maths 10 Worksheet 70

Stemplots and Boxplots

70

Name: _____

1. For the following set of data:
- (a) construct a non-ordered stemplot
 - (b) construct an ordered stemplot
 - (c) find the median

37, 12, 51, 45, 13, 32, 14, 18, 34, 20,
 23, 30, 24, 35, 28, 30, 19, 31, 50, 26,
 33, 43, 23, 34, 16, 38, 40, 42, 27, 51,
 44, 19, 46, 22, 47, 25, 48, 34, 49, 52

(a)

non-ordered stemplot

Stem	Leaf

(b)

ordered stemplot

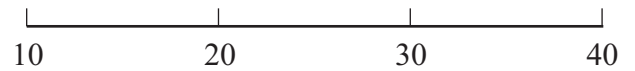
Stem	Leaf

(c)

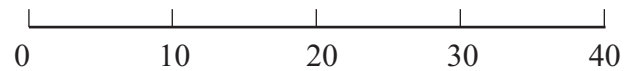
median

2. For the following sets of data construct a boxplot clearly identifying any outliers.

(a) 23, 35, 16, 21, 31, 25, 13, 27, 18, 29, 33



(b) 24, 4, 36, 12, 35, 17, 20, 38, 2, 26, 32, 8



(c) 28, 7, 45, 27, 44, 30, 2, 38, 41, 29

