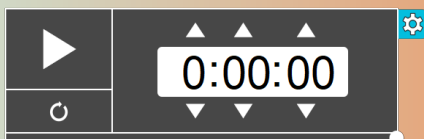


January 17, 2020

- 1) Homework - 20mins
- 2) CALC
- 3) PROTRACTOR



Topic: Dot Plots & Stem and Leaf Plots

Name: _____

What am I learning today?

**Main Ideas/
Questions**

Dot Plots & Stem and Leaf Plots

xxx

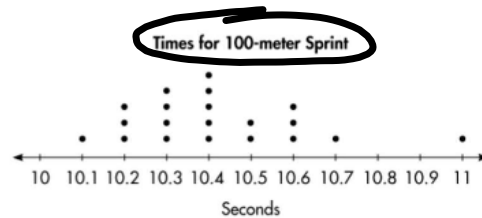
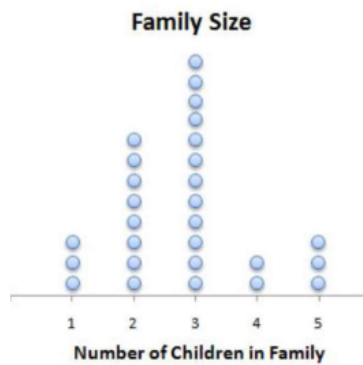
0

xx

Notes

Dot Plot

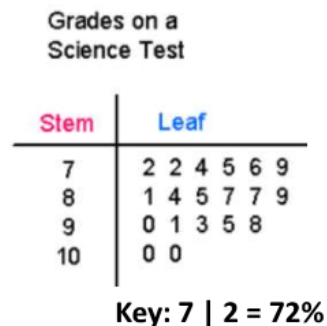
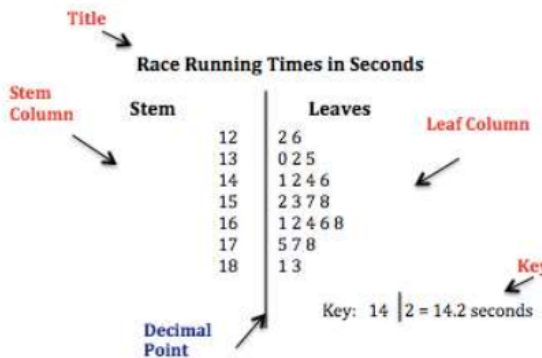
- Used for Quantitative data
- Only uses the X-axis
- Label your axis with appropriate units and spread (scale)
- Mark a dot (or an 'x') above the number on the axis corresponding to each data value.
- More than one of the same data values get "stacked" on each other.



Stem and Leaf Plots

★ Does NOT have to start at zero!

- Used for Quantitative data
- Must have a Key
- Has a vertical line to separate the "Stem" from the "leaves"
- Stems represent everything but the last digit.
- Leaves represent the last digit ONLY.
- ORDER MUST BE FROM least to greatest



Topic: Dot Plots & Stem and Leaf Plots

Date: _____

Examples
How to Construct
a dotplot and
stemplot

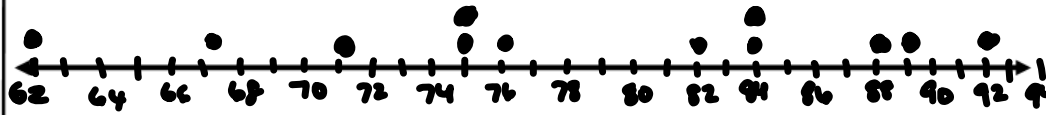
The following are the test grades for unit 1.

88, 75, 89, 82, 84, 76, 71, 100, 97, 92, 100, 48, 75, 62, 67, 96, 84

1) Construct a dotplot of the data.

Unit 1 Test Grades

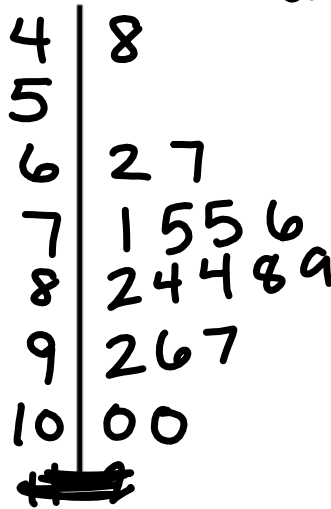
*removed "48"



2) Construct a stemplot of the data

Unit 1 Test Grades

48
62
67
71
75
75
76
82
84
84
88
89
92
96
97
100
100
~~100~~



Key: 4 | 8 = 48%

Summary

Summarize the
lesson in your
own words

How good is your balance? Activity

1. In pairs, pick a timer and a "doer".
2. "Doer" gets in position (standing on one foot with eyes CLOSED) and says "go".
3. Timer starts the stopwatch and stops as soon as the "doer" does one of the following: hops, opens eyes, touches anything.
4. Record your data on your worksheet

Practice

PG. 46 #2.7a, 2.8a on the back of activity