Name _____

Common Core Standards Practice

1. Ryan's dog just had a litter of 8 puppies. His mother measured the length each of the puppies. The table below shows their lengths in inches.

Puppy	1	2	3	4	5	6	7	8
Length in inches	$8\frac{1}{4}$	$7\frac{3}{4}$	9	$8\frac{3}{4}$	$7\frac{1}{4}$	$7\frac{1}{2}$	$8\frac{1}{4}$	$7\frac{1}{2}$

a. Draw a line plot for the data set.

b. How much shorter is the smallest puppy than the biggest puppy?

c. How many puppies are longer than 8 inches?

d. How many puppies are shorter than 8 inches?

2. Sandy used this table to record how many hours she read each day.

Sandy's Reading Log

Day	Hours Spent Reading
Monday	$\frac{3}{4}$
Tuesday	$\frac{1}{2}$
Wednesday	$1\frac{1}{4}$
Thursday	$1\frac{3}{4}$
Friday	2
Saturday	$1\frac{1}{2}$
Sunday	$3\frac{1}{4}$

a. Make a line plot of the data in the table.

b. How many total hours did Sandy spend reading this week?

c. On which two days did she read more — on Saturday and Sunday or on Wednesday and Thursday? By how much more?

d. What might be some reasons to explain why Sandy read more on those two days?