

Name: \_\_\_\_\_

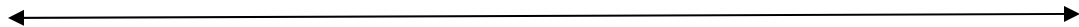
Date: \_\_\_\_\_

Math Word Problems

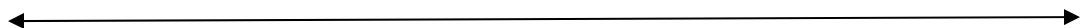
1. A dancer at the North Carolina dance theatre practices 6 hours a day, 6 days a week, for two weeks to learn a new routine. The dancer will perform the hour long routine twice a day for 7 days. Use this information to answer the following questions:
  - A) What was the **total** amount of time spent dancing?
  - B) What fraction of his time was spent practicing? (Simplest form)
  - C) What fraction of his time was spent performing? (Simplest form)
  
2. A member of the Charlotte Symphony needs to purchase a new flute for \$995. The member makes \$160 per performance and performs 5 times a week. However, they must also pay %75 per week for flute lessons. Use this information to answer the following questions:
  - A) How much money does the Charlotte Symphony member make per week?
  - B) If he must take weekly flute lessons how many weeks will it take to purchase a new flute?
  
3. Use the following data to answer the questions:

Days	Hours practiced	Hours performed
1	$3 \frac{1}{2}$	$1 \frac{1}{2}$
2	$3 \frac{3}{4}$	2
3	$2 \frac{3}{4}$	$2 \frac{3}{4}$
4	$4 \frac{1}{4}$	$2 \frac{1}{2}$
5	$3 \frac{1}{2}$	$2 \frac{3}{4}$
6	$3 \frac{1}{2}$	2
7	$4 \frac{1}{2}$	$3 \frac{3}{4}$

- A) Create a line plot that organizes the amount of house preformed and the amount of hours practiced.



Hours Practiced



Hours Performed

- B) How many total hours were spent practicing?
- C) How many total hours were spent performing?
- C) Was more time spent practicing or performing?
- D) What was the difference in hours practiced and performed?