

Name _____

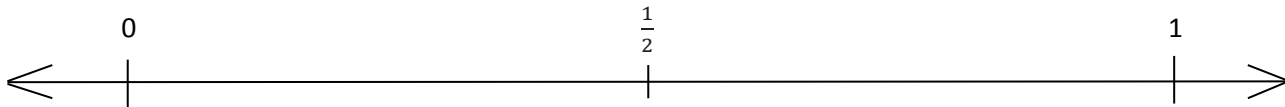
Date _____

1. a. Plot the following points on the number line without measuring.

i. $\frac{1}{3}$

ii. $\frac{5}{6}$

iii. $\frac{7}{12}$



- b. Use the number line in Part (a) to compare the fractions by writing $>$, $<$, or $=$ on the lines.

i. $\frac{7}{12}$ _____ $\frac{1}{2}$

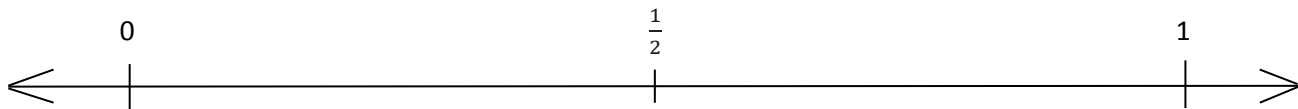
ii. $\frac{7}{12}$ _____ $\frac{5}{6}$

2. a. Plot the following points on the number line without measuring.

i. $\frac{11}{12}$

ii. $\frac{1}{4}$

iii. $\frac{3}{8}$



- b. Select two fractions from Part (a), and use the given number line to compare them by writing $>$, $<$, or $=$.

- c. Explain how you plotted the points in Part (a).

3. Compare the fractions given below by writing $>$ or $<$ on the lines.

Give a brief explanation for each answer referring to the benchmarks 0 , $\frac{1}{2}$, and 1 .

a. $\frac{1}{2}$ _____ $\frac{3}{4}$

b. $\frac{1}{2}$ _____ $\frac{7}{8}$

c. $\frac{2}{3}$ _____ $\frac{2}{5}$

d. $\frac{9}{10}$ _____ $\frac{3}{5}$

e. $\frac{2}{3}$ _____ $\frac{7}{8}$

f. $\frac{1}{3}$ _____ $\frac{2}{4}$

g. $\frac{2}{3}$ _____ $\frac{5}{10}$

h. $\frac{11}{12}$ _____ $\frac{2}{5}$

i. $\frac{49}{100}$ _____ $\frac{51}{100}$

j. $\frac{7}{16}$ _____ $\frac{51}{100}$