

Name: _____

Date: _____

Homework – Using Number Lines to Show Fractions

Directions: Draw a number line and partition, or divide it into eighths. Label the following fractions on the number line: $\frac{1}{2}$, $\frac{7}{8}$, $\frac{3}{4}$, $\frac{1}{4}$, $\frac{5}{8}$

Use a number line to solve the problems:

1. At the playground, $\frac{4}{8}$ of the children went to the swings. $\frac{1}{2}$ of the children played in the sandbox. Where were most of the children playing? Draw two number lines to show these fractions.

2. I want to share my birthday cake with 5 people including myself. Draw a number line to show how I should share my cake equally. Could I partition differently so everyone gets the same amount? Explain.