Name _____ Date _____

1. Show each expression on a number line. Solve.

a. $\frac{4}{9}+\frac{1}{9}$

b. $\frac{1}{4}+\frac{1}{4}+\frac{1}{4}+\frac{1}{4}$

c. $\frac{2}{7}+\frac{2}{7}+\frac{2}{7}$

d. $2\times\frac{3}{5}+\frac{1}{5}$

2. Express each fraction as the sum of two or three equal fractional parts. Rewrite each as a multiplication equation. Show Part (a) on a number line.

a. $\frac{6}{11}$

b. $\frac{9}{4}$

c. $\frac{12}{8}$

d. $\frac{27}{10}$

3. Express each of the following as the sum of a whole number and a fraction. Show Parts (c) and (d) on number lines.

a. $\frac{9}{5}$

b. $\frac{7}{2}$

c. $\frac{25}{7}$

d. $\frac{21}{9}$

4. Natalie sawed five boards of equal length to make a stool. Each was 9 tenths of a meter long. What is the total length of the boards she sawed? Express your answer as the sum of a whole number and the remaining fractional units. Draw a number line to represent the problem.