Name $\qquad$ Date $\qquad$

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.
