

Homework Assignment 5B4

(To be used following Lesson 12)

Name: _____ Date: _____

1. Solve the problem and explain your strategy. Circle your final answer, which should be simplified.

Amelia wanted to go to the park and play. There were two parks near her house. One park was $9\frac{3}{10}$ miles away and the other was $7\frac{7}{10}$ miles. What is the difference in the distance to the parks?

2. Solve the problems. Show the answers in lowest terms, with improper fractions as mixed numbers.

$$\begin{array}{r} 17 \\ 12 \\ - 3 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 3\frac{4}{8} \\ - \frac{10}{8} \\ \hline \end{array}$$



3. Solve the problem and explain your strategy. Circle your final answer, which should be simplified.

John and his grandfather needed $31\frac{1}{3}$ feet of lumber for a fence they were building. John found two stores with lumber available. One store had $19\frac{17}{24}$ feet and the other store had $11\frac{4}{6}$ feet available. Is there enough wood for the project? How do you know?

4. Solve the problems. Simplify improper fractions to mixed numbers. Show the answers in lowest terms.

$$\begin{array}{r} \frac{18}{21} \\ - \frac{3}{7} \\ \hline \end{array}$$

$$\begin{array}{r} 6\frac{5}{8} \\ - 5\frac{6}{16} \\ \hline \end{array}$$

