Name _____   Date _____

1. Add or subtract.

   a. $3 + 1\frac{1}{4} =$

   b. $2 - 1\frac{5}{8} =$

   c. $5\frac{2}{5} + 2\frac{3}{5} =$

   d. $4 - 2\frac{5}{7} =$

   e. $8\frac{4}{5} + 7 =$

   f. $18 - 15\frac{3}{4} =$

   g. $16 + 18\frac{5}{6} =$

   h. $100 - 50\frac{3}{8} =$

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Lesson 8:   Add fractions to and subtract fractions from whole numbers using equivalence and the number line as strategies.

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2. The total length of two ribbons is 13 meters. If one ribbon is $7\frac{5}{8}$ meters long, what is the length of the other ribbon?

3. It took Sandy two hours to jog 13 miles. She ran $7\frac{1}{2}$ miles in the first hour. How far did she run during the second hour?

Lesson 8:   Add fractions to and subtract fractions from whole numbers using equivalence and the number line as strategies.   **43**

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4. Andre says that $5\frac{3}{4} + 2\frac{1}{4} = 7\frac{1}{2}$ because $7\frac{4}{8} = 7\frac{1}{2}$. Identify his mistake. Draw a picture to prove that he is wrong.