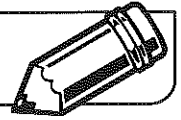


**LESSON**  
**8•2****Solving Mixed-Number Addition Problems**

Add. Write each sum as a mixed number in simplest form. Show your work.

1.  $5\frac{1}{5} + 2\frac{4}{5} =$  \_\_\_\_\_

2.  $3\frac{2}{5} + 5\frac{3}{10} =$  \_\_\_\_\_

3.  $4\frac{3}{4} + 2\frac{1}{12} =$  \_\_\_\_\_

4.  $4\frac{2}{3} + 2\frac{3}{4} =$  \_\_\_\_\_

5. Josiah was painting his garage. Before lunch, he painted  $1\frac{2}{3}$  walls. After lunch, he painted another  $1\frac{2}{3}$  walls. How many walls did he paint during the day?

\_\_\_\_\_

6. Julie's mom made muffins for Julie and her friends to share. Julie ate  $1\frac{3}{4}$  muffins. Her friends ate  $3\frac{1}{2}$  muffins. How many muffins did Julie and her friends eat altogether?

\_\_\_\_\_

Without adding the mixed numbers, insert  $<$ ,  $>$ , or  $=$ .

Explain how you got your answer.

7.  $1\frac{3}{8} + 6\frac{2}{3}$  \_\_\_\_\_ 8

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

8. 5 \_\_\_\_\_  $2\frac{1}{5} + 2\frac{7}{8}$

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_