

**LESSON**  
**8•13**
**Written Assessment** *continued*

- 19.** Fill in the oval next to possible common denominators for each fraction pair.  
(There may be more than one correct answer.)

**a.**  $\frac{1}{3}$  and  $\frac{4}{9}$

 3 6 9 12

**b.**  $\frac{3}{4}$  and  $\frac{5}{6}$

 4 6 12 24

**c.**  $\frac{5}{8}$  and  $\frac{2}{3}$

 3 8 12 24

**d.**  $\frac{3}{12}$  and  $\frac{2}{5}$

 5 7 30 60

- 20.** List the eight fractions from Problem 19 in order from smallest to largest.

 \_\_\_\_\_  
 smallest

 \_\_\_\_\_  
 largest

**Part B**

- 21.** If you draw a line segment twice as long as a  $2\frac{1}{4}$ -inch line segment, how long would the new line segment be? (Circle one.)

$4\frac{6}{16}$  in.

$4\frac{2}{4}$  in.

$4\frac{3}{8}$  in.

$4\frac{3}{16}$  in.

Solve each problem.

- 22.** Bobbie measured the growth of her corn plant every week.

One Friday, it was  $3\frac{7}{8}$  inches tall. The following Friday, it was  $6\frac{3}{8}$  inches tall. How much had it grown in one week? \_\_\_\_\_ in.

- 23.** Explain how you found your answer for Problem 22.

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

- 24.** How many minutes are in  $\frac{1}{3}$  of an hour? \_\_\_\_\_ min

- 25.** Mary Lou baked 36 cupcakes for the bake sale. If 75% of them had chocolate frosting, how many cupcakes had chocolate frosting? \_\_\_\_\_ cupcakes

Multiply. Write your answer in simplest form.

**26.**  $\frac{3}{8} * \frac{4}{5} =$  \_\_\_\_\_    **27.**  $\frac{2}{3} * \frac{3}{4} =$  \_\_\_\_\_    **28.**  $1\frac{1}{2} * 2\frac{3}{5} =$  \_\_\_\_\_    **29.**  $3\frac{1}{5} * 4\frac{5}{8} =$  \_\_\_\_\_