

### M7 Chapter 4 Practice Test

Write the letter for the correct answer in the blank at the right of each question.

1. What is  $\frac{3}{5}$  as a decimal?

- A. 0.06      B. 0.6      C.  $0.\bar{6}$       D. 6

1. B

2. What is  $2\frac{4}{9}$  as a decimal?

- A.  $2.0\bar{4}$       B.  $2.\bar{4}$       C.  $2.\overline{49}$       D.  $0.\bar{5}$

2. B

3. What is 0.375 as a fraction in simplest form?

- A.  $\frac{1}{8}$       B.  $\frac{3}{8}$       C.  $\frac{5}{16}$       D.  $\frac{2}{5}$

3. B

4. What is the LCD of  $\frac{11}{15}$  and  $\frac{5}{6}$ ?

- A. 90      B. 60      C. 30      D. 3

4. C

5. Which symbol makes  $6\frac{15}{28} \text{ } 6\frac{5}{9}$  a true sentence?

- A. <      B. >      C. =      D. ×

5. A

6. Which symbol makes  $-\frac{3}{4} \text{ } -\frac{11}{12}$  a true sentence?

- A. <      B. >      C. =      D. ÷

6. B

7. Mario made six batches of cookies. His friends asked him to make an extra batch.

He used  $15\frac{3}{4}$  cups of sugar and needs another  $\frac{5}{8}$  cups for the extra batch. How many cups of sugar will Mario use altogether?

7.  $16\frac{3}{8}$  cups

For Exercises 8 -13, what is the value of each expression in simplest form?

8.  $\frac{1}{8} + \left(-\frac{3}{16}\right) =$

8.  $-\frac{1}{16}$

9.  $8\frac{2}{7} + 10\frac{4}{7} =$

9.  $18\frac{6}{7}$

10.  $\frac{2}{21} \times \frac{7}{5} =$

10.  $\frac{2}{15}$

11.  $\frac{7}{8} - \frac{3}{8} =$

11.  $\frac{1}{2}$

12.  $4\frac{1}{3} - 2\frac{4}{5} =$

12.  $1\frac{8}{15}$

13.  $\frac{3}{4} \div 4\frac{1}{4} =$

13.  $\frac{3}{17}$

14. Michaela walked  $\frac{2}{5}$  mile to the store in  $\frac{1}{4}$  hour. What is her walking pace?

14.  $\frac{3}{5}$  MPH

15. Tameron made a recipe that called for  $\frac{1}{4}$  teaspoon of salt. If the recipe is doubled, how much salt is needed?

15.  $\frac{1}{2}$  TSP

16. Eliot and his friends ate  $\frac{3}{8}$  of a pie. If the pie was cut into eight pieces, how much pie is left over?

16.  $\frac{5}{8}$  PIE LEFT