Name_____   Period _____   Date _____

FRACTION AND DECIMAL OPERATIONS PRE-ASSESSMENT

1. Which number is equivalent to $\frac{15}{8}$?

   A. $1\frac{4}{8}$
   B. $1\frac{5}{8}$
   C. $1\frac{6}{8}$
   D. $1\frac{7}{8}$

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2. There are $2\frac{1}{2}$ cups of flour in a container. If Kevin uses $\frac{3}{8}$ of a cup of flour for a recipe, how much is left in the container?

   A. $2\frac{7}{8}$ cups
   B. $2\frac{1}{3}$ cups
   C. $2\frac{1}{8}$ cups
   D. $\frac{15}{16}$ cups

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

   A. $1\frac{1}{7}$
   B. $4\frac{1}{7}$
   C. $4\frac{8}{14}$
   D. $5\frac{1}{7}$

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4. Compute. $10 - 1\frac{7}{10}$

   A. $9\frac{7}{10}$
   B. $9\frac{3}{10}$
   C. $8\frac{3}{10}$
   D. $\frac{3}{10}$

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5. Compute. $\frac{2}{3} \div \frac{1}{6}$

   A. $\frac{1}{9}$
   B. $\frac{1}{4}$
   C. 1
   D. 4

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6. Compute. $\frac{3}{5} + 1\frac{7}{9} + \frac{2}{5}$

   A. $1\frac{12}{19}$
   B. $1\frac{12}{45}$
   C. $2\frac{12}{45}$
   D. $2\frac{7}{9}$

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7. If $1\frac{5}{6}$ yards of fabric are needed to make a curtain panel, how many yards of fabric are needed to make 18 curtain panels?

   A. 33 yards
   B. 23 yards
   C. 19 yards
   D. 18 yards

FRACTION AND DECIMAL OPERATIONS PRE-ASSESSMENT
Continued

8. C.K. walks $\dfrac{9}{10}$ of a mile daily. How many days will it take C.K. to walk $9\dfrac{9}{10}$ miles?

   A. 8 days   B. 9 days   C. 10 days   D. 11 days

9. Compute. $79.51 - 4.33$

   A. 83.84   B. 75.28   C. 75.22   D. 75.18

10. Compute. $0.37 + 25 + 8.8$

    A. 1.50   B. 9.42   C. 33.17   D. 34.17

11. Anthony jogs 10.8 miles per hour. At this rate, how many miles does he jog in 2.7 hours?

    A. 9.72 miles   B. 13.5 miles   C. 28.16 miles   D. 29.16 miles

12. Compute. $27.5 \div 0.5$

    A. 55   B. 0.18   C. 5.5   D. 13.75

13. In April, Heidi jogged a total of 85.4 miles. In May, she jogged a total of 113.04 miles. How many more miles did Heidi jog in May than in April?

    A. 1.54 miles   B. 15.4 miles   C. 26.64 miles   D. 27.64 miles

14. Compute. $4.2 \div 1.4$

    A. 30   B. 3   C. 0.3   D. 0.03