UNIT 1
Review/Test

Name _____ Date _____

VOCABULARY
common denominator
equivalent fractions
mixed number
unit fractions

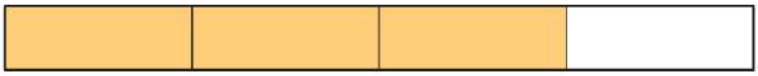
▶ Vocabulary

Choose the best term from the box.

1. The number $5\frac{1}{3}$ is a _____ because it has a whole number part and a fraction part. **(Lessons 1-5)**
2. $\frac{1}{3}$ and $\frac{1}{12}$ are _____. **(Lesson 1-1)**
3. To compare $\frac{2}{5}$ and $\frac{5}{6}$, first rewrite them as equivalent fractions with a _____. **(Lesson 1-4)**

▶ Concepts and Skills

4. Use the fraction bar below to help you explain why $\frac{3}{4}$ and $\frac{6}{8}$ are equivalent fractions. **(Lesson 1-2)**



5. Explain how you know that the sum below is *not* reasonable without computing the actual sum. **(Lesson 1-11)**

$\frac{8}{9} + \frac{1}{7} = \frac{35}{63}$

Write two fractions equivalent to the given fraction. (Lessons 1-2, 1-3)

6. $\frac{5}{6}$ _____ 7. $\frac{9}{15}$ _____ 8. $\frac{2}{10}$ _____

Compare. (Lessons 1-4)

9. $\frac{3}{10} \bigcirc \frac{3}{11}$ 10. $\frac{5}{9} \bigcirc \frac{7}{12}$ 11. $\frac{1}{3} \bigcirc \frac{3}{8}$

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Add or subtract. (Lessons 1-6 through 1-10)

12. $\frac{2}{9} + \frac{2}{3}$

13. $\frac{5}{8} - \frac{3}{10}$

14. $7\frac{1}{5} - 1\frac{2}{3}$

15. $\frac{6}{7} + 2\frac{5}{6}$

16. $4\frac{1}{5} - 3\frac{7}{10}$

17. $1\frac{5}{8} + 2\frac{1}{2}$

► Problem Solving

Write an equation. Then solve. (Lessons 1-7 through 1-13)

18. Zora left late for soccer practice, so she ran the first $\frac{5}{8}$ mile. Then she got tired and had to walk the remaining $\frac{7}{10}$ mile. How far was it from Zora's home to practice?

_____

19. Scott has $2\frac{3}{4}$ cups of flour. He wants to make a muffin recipe that calls for $4\frac{1}{3}$ cups of flour. How much more flour does he need?

_____

20. **Extended Response** Jen bought $5\frac{1}{4}$ yards of blue fabric and $3\frac{2}{3}$ yards of red fabric. She gave $2\frac{3}{4}$ yards of fabric to her cousin. How much fabric does she have left? Explain how you know your answer is reasonable.

_____

_____

_____

_____