

Real-World Fraction and Decimal Use

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5th Grade Math Practice

Name: _____

Date: _____

Solve each problem. Show your work when needed.

1. $1\frac{1}{2} + 1\frac{1}{4} = \underline{\hspace{2cm}}$

2. Sarah baked a cake and used $\frac{3}{4}$ cup of sugar. If she has $\frac{1}{2}$ cup left, how much sugar did she start with?

3. Circle the greater number: 0..75:

5 or 0

4. What number comes next? 0.1, 0.2, 0.3, _____

5. $0.25 < 0.5$

True False

6. A recipe calls for $\frac{2}{3}$ of a cup of oil. If you only have $\frac{1}{3}$ cup, how much more do you need?

7. $0.6 \times 10 = \underline{\hspace{2cm}}$

8. John scored 85% on his test. If the test was out of 40 points, how many points did he earn?

9. $\frac{3}{5} - \frac{1}{10} = \underline{\hspace{2cm}}$

10. A fabric store sells 2.5 yards of fabric for \$15. How much does 1 yard cost?

11. Circle the greater number: $\frac{1}{4}$:

3 or 1

12. What number comes next? 0.25, 0.50, 0.75, _____

13. $\frac{1}{2} = 0.5$

True False

14. If a bottle holds 1.5 liters of water and you pour out 0.5 liters, how much is left in the bottle?

15. $\frac{4}{8} + \frac{3}{8} = \underline{\hspace{2cm}}$

Answer Key

1. $\frac{3}{4}$ 2. $\frac{1}{4}$ 3. 0.75 4. 0.4 5. True 6. $\frac{1}{3}$ 7. 6 8. 34 9. $\frac{1}{2}$ 10. \$6 11. $\frac{1}{3}$ 12. 1.00 13. True 14. 1.0 15. $\frac{7}{8}$