

Comparing Fractions and Decimals

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5th Grade Math Practice

Name: _____

Date: _____

Solve each problem. Show your work when needed.

1. Convert $\frac{3}{4}$ to a decimal.

2. Convert 0.6 to a fraction.

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

35

or

1

4. Liam has $\frac{2}{5}$ of a pizza, and Emma has 0.4 of a pizza. Who has more pizza?

5. Sarah scored 0.85 on a test, and James scored $\frac{7}{8}$. Who scored higher?

6. What is the next number in this sequence? 0.1, 0.2, 0.3, _____

7. Add $\frac{1}{2} + \frac{1}{4}$.

8. A recipe calls for 0.75 cups of sugar. If you have $\frac{1}{2}$ cup, how much more do you need?

9. Which is greater: 0./10?:

9

or

9

10. $0.25 < \frac{1}{4}$

True

False

11. Convert $\frac{5}{8}$ to a decimal.

12. If a tank holds $\frac{3}{4}$ gallon of water and you fill it with 0.5 gallons, how much more water can it hold?

13. What number comes next? 0.1, 0.2, 0.3, 0.4, _____

14. Circle the greatest number: $\frac{1}{2}$, 0.4, or 0.5

15. If you have 3.5 meters of ribbon and you use $\frac{2}{3}$ of it, how much ribbon do you have left?

Answer Key

1. 0.75 2. $\frac{3}{5}$ 3. $\frac{1}{3}$ 4. They have the same amount. 5. James 6. 0.4 7. $\frac{3}{4}$ 8. $\frac{1}{4}$ 9. They are equal. 10. False 11. 0.625 12. $\frac{1}{4}$ 13. 0.5 14. 0.5 15. 2.83
