

Comparing Decimals and Fractions

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4th Grade Math Practice

Name: _____

Date: _____

Solve each problem. Show your work when needed.

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

2. Convert $\frac{1}{8}$ to a decimal.

3. Which is greater: 0./2?:

5 or 1

4. Circle the greater number: 0./5:

6 or 3

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

6. Liam has $\frac{2}{3}$ of a pizza left. If he eats 0.25 of the pizza, how much is left?

7. Sophie scored 0.85 on her test and 0.9 on her quiz. What is her total score?

8. Order the following from least to greatest: 0.75, $\frac{1}{2}$, 0.25.

9. $0.33 < \frac{1}{3}$

True False

10. Convert $\frac{5}{10}$ to a decimal.

11. A bottle is filled to 0.4 liters. If it can hold 1 liter, what fraction of the bottle is filled?

12. Convert $\frac{7}{8}$ to a decimal.

13. What number comes next? 0.2, 0.4, 0.6, _____

14. Which is smaller: 0./10?:

9 or 9

15. If a class has 15 students and 9 of them are girls, what fraction represents the boys in the class?

Answer Key

1. 0.75 2. 0.125 3. They are equal. 4. 0.6 5. 0.4 6. 0.08 7. 1.75 8. 0.25, 1/2, 0.75 9. False 10. 0.5 11. 2/5 12. 0.875 13. 0.8 14. They are equal. 15. 2/5
