

# Converting Fractions to Decimals

BibleMouse.com

5th 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. A recipe calls for  $\frac{2}{5}$  of a cup of sugar. What is that as a decimal?

\_\_\_\_\_

4. Convert  $\frac{5}{2}$  to a decimal.

5. If  $\frac{7}{10}$  of a tank is full, what is this fraction as a decimal?

\_\_\_\_\_

6. Circle the greater decimal: 0.4:

3    or     0

7. 0.25 is equal to  $\frac{1}{4}$ .

True     False

8. What is  $\frac{1}{2}$  as a decimal?

9. A class is made up of  $\frac{3}{5}$  boys. What fraction of the class is boys as a decimal?

\_\_\_\_\_

10. Convert  $\frac{9}{20}$  to a decimal.

11. If a pencil is  $\frac{3}{10}$  of a meter long, what is that as a decimal?

\_\_\_\_\_

12. What decimal comes after 0.6 in the sequence 0.1, 0.2, 0.3, 0.4, 0.5, \_\_\_\_\_?

13. Sarah drank  $\frac{4}{5}$  of a liter of juice. How much is that as a decimal?

\_\_\_\_\_

14. Convert  $\frac{11}{4}$  to a decimal.

15. A pizza was divided into  $\frac{1}{3}$  slices. How much is that as a decimal?

\_\_\_\_\_

---

**Answer Key**

1. 0.75 2. 0.125 3. 0.4 4. 2.5 5. 0.7 6. 0.4 7. True 8. 0.5 9. 0.6 10. 0.45 11. 0.3 12. 0.6 13. 0.8 14. 2.75 15. 0.333

---