

# Fractions and Decimals: Two Ways to Show the Same Thing

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5th Grade Math Practice

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Solve each problem. Show your work when needed.

1. Convert  $1/2$  to a decimal: \_\_\_\_\_

2. Convert  $3/4$  to a decimal: \_\_\_\_\_

3. Convert  $1/4$  to a decimal: \_\_\_\_\_

4. Emily has  $1/2$  of a cake. If she gives away 0.25 of it, how much cake does she have left?

\_\_\_\_\_

5. A ribbon is  $3/4$  yards long. If you cut it into two equal pieces, how long is each piece?

\_\_\_\_\_

6. Circle the greater number: 0./2:

5

or

1

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

75

or

3

8. What number comes next? 0.1, 0.2, 0.3, \_\_\_\_\_

9.  $0.25 = 1/4$

True

False

10.  $0.75 > 3/4$

True

False

11. Add  $1/4 + 1/4 =$  \_\_\_\_\_

12. Multiply  $1/2 \times 4 =$  \_\_\_\_\_

13. John bought 1.5 meters of fabric. If he uses 0.75 meters, how much fabric is left?

\_\_\_\_\_

14. A jar is filled with  $2/3$  of water. If  $1/3$  is poured out, how much water remains?

\_\_\_\_\_

15. Subtract  $0.5 - 0.25 =$  \_\_\_\_\_

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**Answer Key**

1. 0.5   2. 0.75   3. 0.25   4. 0.25   5. 0.375   6. 0.5   7. 0.75   8. 0.4   9. True   10. False   11. 1/2   12. 2   13. 0.75   14. 1/3   15. 0.25

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