

# Dividing to Simplify - Equivalent Fractions

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4th Grade Math Practice

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

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

Solve each problem. Show your work when needed.

1. Simplify the fraction  $16/24$ .

2. Simplify the fraction  $9/27$ .

3. Simplify the fraction  $40/100$ .

4. What is 48 divided by 6?

5. Liam has 12 apples and wants to divide them into equal parts. If he gives 4 apples to each friend, how many friends can he share with?

\_\_\_\_\_

6. Sarah has  $15/30$  of a pizza left. If she eats  $5/30$  more, what fraction of the pizza will remain?

\_\_\_\_\_

7. Circle the equivalent fraction:  $1/4$ :

2 or  2

8. What is the simplest form of  $18/24$ ? \_\_\_\_\_

9. The fraction  $4/8$  is equivalent to  $1/2$ .

True  False

10. Simplify the fraction  $30/45$ .

11. A recipe calls for  $4/8$  of a cup of sugar. What is this fraction in simplest form?

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12. What is 54 divided by 9?

13. If a ribbon is 36 inches long and is cut into pieces of 12 inches, how many pieces are there?

\_\_\_\_\_

14. Circle the greater fraction:  $3/3$ :

4 or  2

15. What number completes the equivalent fraction?  $5/10 = \underline{\quad}/20$

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**Answer Key**

1. 2/3   2. 1/3   3. 2/5   4. 8   5. 3   6. 1/2   7. 2/4   8. 3/4   9. True   10. 2/3   11. 1/2   12. 6   13. 3   14. 3/4   15. 10