

# Equivalent Fractions Mastery

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4th Grade Math Practice

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

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

Solve each problem. Show your work when needed.

1. What is  $\frac{1}{2}$  equivalent to when both numerator and denominator are multiplied by 2?

2. If Sarah has  $\frac{3}{4}$  of a cake and gives away  $\frac{1}{4}$ , how much cake does she have left?

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3. Simplify the fraction  $\frac{8}{12}$  to its lowest terms.

4. Circle the equivalent fraction:  $\frac{1}{6}$ :

3    or     2

5. What fraction is equivalent to  $\frac{4}{8}$  when simplified?

6. If a pizza is cut into 8 slices and you eat 4, what fraction of the pizza is left?

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7. Multiply both the numerator and denominator of  $\frac{3}{5}$  by 3. What is the new fraction?

8.  $\frac{1}{4}$  is equivalent to  $\frac{2}{8}$ .

True     False

9. Tom has a ribbon that is  $\frac{6}{10}$  meters long. If he cuts it in half, what is the length of each piece?

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10. What is  $\frac{5}{10}$  simplified?

11. Circle the greater fraction:  $\frac{3}{8}$ :

6    or     4

12. What is the equivalent fraction of  $\frac{2}{3}$  when the numerator is multiplied by 2?

13. If there are 12 apples and 4 are green, what fraction of the apples are green?

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14. Simplify the fraction  $\frac{10}{15}$ .

15. Anna used  $\frac{2}{5}$  of her paper for art. What fraction does she have left?

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**Answer Key**

1.  $\frac{2}{4}$  2.  $\frac{2}{4}$  3.  $\frac{2}{3}$  4.  $\frac{2}{6}$  5.  $\frac{1}{2}$  6.  $\frac{4}{8}$  7.  $\frac{9}{15}$  8. True 9.  $\frac{3}{10}$  10.  $\frac{1}{2}$  11.  $\frac{3}{6}$  12.  $\frac{4}{6}$  13.  $\frac{4}{12}$  14.  $\frac{2}{3}$  15.  $\frac{3}{5}$