

# Common Denominator Detectives

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4th Grade Math Practice

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

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

Solve each problem. Show your work when needed.

1.  $1/2 = \underline{\quad}/8$

2.  $3/4 = \underline{\quad}/16$

3. Sarah has  $1/3$  of a cake, and Tom has  $1/6$  of the same cake. How much cake do they have together?

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4. Which fraction is greater:  $2/10$ ?:

5 or  3

5. What is the equivalent fraction of  $4/5$  with a denominator of 25?  $\underline{\quad}/25$

6.  $5/6 = \underline{\quad}/18$

7. If you have  $2/3$  of a yard of fabric and buy another  $1/6$  yard, how much fabric do you have now?

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8.  $1/4 = 2/8$

True  False

9. Circle the greater fraction:  $5/12$ :

8 or  7

10. Convert 0.75 to a fraction.

11. A recipe needs  $1/2$  cup of sugar. If you want to double the recipe, how much sugar do you need?

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12. What fraction is equivalent to  $6/9$ ?  $\underline{\quad}/3$

13. Liam drank  $3/10$  of a bottle. If the bottle holds 1 liter, how much is left?

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14.  $2/3 = \underline{\quad}/9$

15. Which fraction is greater:  $1/8$ ?:

2 or 4

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**Answer Key**

1. 4   2. 12   3.  $1/2$    4.  $2/5$    5. 20   6. 15   7.  $5/6$    8. True   9.  $5/8$    10.  $3/4$    11. 1   12. 2   13.  $7/10$    14. 6   15.  $1/2$