

Finding Common Denominators

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5th Grade Math Practice

Name: _____

Date: _____

Solve each problem. Show your work when needed.

1. Find the LCM of 4 and 6.

2. Find the LCM of 3 and 5.

3. Emily has $\frac{1}{4}$ of a pizza and her brother has $\frac{1}{6}$ of a pizza. How much pizza do they have in total?

4. If a recipe calls for $\frac{2}{3}$ cup of sugar and you want to double it, how much sugar will you need?

5. Circle the greater number: $\frac{3}{2}$:

8

or

1

6. What is the next fraction in this sequence? $\frac{1}{3}$, $\frac{2}{3}$, _____

7. Convert $\frac{1}{2}$ to a fraction with a denominator of 6.

8. Sarah has $\frac{2}{5}$ of a yard of ribbon. She needs $\frac{1}{10}$ of a yard more. How much ribbon will she have in total?

9. The LCM of 8 and 12 is 24.

True False

10. Convert $\frac{3}{4}$ to a fraction with a denominator of 12.

11. Mark is reading $\frac{2}{3}$ of a book. If he reads another $\frac{1}{4}$ of the book, how much of the book will he have read?

12. Circle the greater number: $\frac{5}{5}$:

10

or

2

13. What number comes next in this series? $\frac{2}{6}$, $\frac{1}{2}$, _____

14. If a car travels $\frac{3}{5}$ of a mile and then $\frac{1}{10}$ of a mile, how far has it traveled in total?

15. What is the LCM of 5 and 10?

Answer Key

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