



# Ratios Introduction

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

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

Grade: Grade 5

## Part A: Fill in the Blank

Write the missing word or number on each line.

1. Multiply both parts of 1:2 by 3 to get the equivalent ratio \_\_\_\_\_.
2. An equivalent ratio of 2:5 with first part 6 is \_\_\_\_\_.
3. Simplify 4:6 by dividing both parts by 2 to get \_\_\_\_\_.
4. The ratio 10:15 in simplest form is \_\_\_\_\_.
5. If a recipe uses 2 cups flour to 1 cup sugar, then 4 cups flour needs \_\_\_\_\_ cups sugar.
6. Multiply 3:4 by 5 to find the equivalent ratio \_\_\_\_\_.
7. Simplify the ratio 12:8 to lowest terms: \_\_\_\_\_.
8. An equivalent ratio of 5:7 with first part 25 is \_\_\_\_\_.
9. If 1:3 is a ratio, doubling both parts gives \_\_\_\_\_.

## Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

|                     |         |                              |
|---------------------|---------|------------------------------|
| 1:2 multiplied by 4 | → _____ | 4:8                          |
| 10:15 simplified    | → _____ | 2:3                          |
| 3:5 multiplied by 2 | → _____ | 6:10                         |
| 8:12 simplified     | → _____ | 2:3 (from 8:12 divided by 4) |

## Answer Key · Ratios Introduction · Grade: Grade 5

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### Part A: Fill in the Blank

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Write the missing word or number on each line.

1. Multiply both parts of 1:2 by 3 to get the equivalent ratio 3:6 .
2. An equivalent ratio of 2:5 with first part 6 is 6:15 .
3. Simplify 4:6 by dividing both parts by 2 to get 2:3 .
4. The ratio 10:15 in simplest form is 2:3 .
5. If a recipe uses 2 cups flour to 1 cup sugar, then 4 cups flour needs 2 cups sugar.
6. Multiply 3:4 by 5 to find the equivalent ratio 15:20 .
7. Simplify the ratio 12:8 to lowest terms: 3:2 .
8. An equivalent ratio of 5:7 with first part 25 is 25:35 .
9. If 1:3 is a ratio, doubling both parts gives 2:6 .

### Part B: Matching

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Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

|                     |                                       |                              |
|---------------------|---------------------------------------|------------------------------|
| 1:2 multiplied by 4 | → <u>4:8</u>                          | 4:8                          |
| 10:15 simplified    | → <u>2:3</u>                          | 2:3                          |
| 3:5 multiplied by 2 | → <u>6:10</u>                         | 6:10                         |
| 8:12 simplified     | → <u>2:3 (from 8:12 divided by 4)</u> | 2:3 (from 8:12 divided by 4) |