



# Ratios Introduction

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

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

Grade: Grade 5

## Part A: Fill in the Blank

Write the missing word or number on each line.

1. Continue the ratio table for 4:5: after 4:5 and 8:10 comes 12: \_\_\_\_\_ .
2. A tape diagram for 5:3 has a total of \_\_\_\_\_ equal boxes.
3. The ratio 2:8 simplified is 1: \_\_\_\_\_ .
4. As a part-to-whole fraction, the ratio 2:3 becomes  $2/$  \_\_\_\_\_ .
5. The fraction  $3/4$  written as a percent is \_\_\_\_\_ %.
6. The decimal 0.2 written as a percent is \_\_\_\_\_ %.
7. If the ratio of cats to dogs is 3:7, then dogs make up \_\_\_\_\_ out of 10 pets.
8. A tape diagram with 6 shaded and 9 unshaded shows the ratio 6: \_\_\_\_\_ .
9. The ratio 1:2 as a decimal of part-to-whole is 0. \_\_\_\_\_ .

## Part B: Matching

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

1. Match each item to its correct answer.

Ratio 1:4	→ _____	20% as part-to-whole
Ratio 3:1	→ _____	75% as part-to-whole
Ratio 2:3	→ _____	40% as part-to-whole
Ratio 4:4	→ _____	50% as part-to-whole

## 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. Continue the ratio table for 4:5: after 4:5 and 8:10 comes 12: 15 .
2. A tape diagram for 5:3 has a total of 8 equal boxes.
3. The ratio 2:8 simplified is 1: 4 .
4. As a part-to-whole fraction, the ratio 2:3 becomes  $2/$  5 .
5. The fraction  $3/4$  written as a percent is 75 %.
6. The decimal 0.2 written as a percent is 20 %.
7. If the ratio of cats to dogs is 3:7, then dogs make up 7 out of 10 pets.
8. A tape diagram with 6 shaded and 9 unshaded shows the ratio 6: 9 .
9. The ratio 1:2 as a decimal of part-to-whole is 0. 33 .

### 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.

Ratio 1:4	→ <u>20% as part-to-whole</u>	20% as part-to-whole
Ratio 3:1	→ <u>75% as part-to-whole</u>	75% as part-to-whole
Ratio 2:3	→ <u>40% as part-to-whole</u>	40% as part-to-whole
Ratio 4:4	→ <u>50% as part-to-whole</u>	50% as part-to-whole