



Ratios Introduction

Name: _____

Date: _____

Grade: Grade 5

Part A: Fill in the Blank

Write the missing word or number on each line.

1. A tape diagram for the ratio 3:2 has 3 boxes for one part and _____ boxes for the other.
2. If a ratio is 1:4, the total number of equal boxes in the tape diagram is _____.
3. A tape diagram has 6 boxes shaded and 4 unshaded. The ratio of shaded to unshaded is 6: _____.
4. Equivalent ratios for 2:3 include 4:6, 6:9, and 8: _____.
5. The ratio 1:4 written as a fraction of part-to-whole is $1/$ _____.
6. The ratio 3:7 as a part-to-whole fraction is $3/$ _____.
7. If $1/4$ of a class is boys, the percent that is boys is _____ %.
8. The ratio 1:1 as a decimal of part-to-whole is 0. _____.
9. Filling a table for ratio 5:2, after 5:2 and 10:4 the next pair is 15: _____.

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 1:3	→ _____	1 box and 3 boxes (4 total)
Ratio 2:1	→ _____	2 boxes and 1 box (3 total)
Ratio 1:1	→ _____	1 box and 1 box (2 total)
Ratio 3:2	→ _____	3 boxes and 2 boxes (5 total)

Answer Key · Ratios Introduction · Grade: Grade 5

Part A: Fill in the Blank

Write the missing word or number on each line.

1. A tape diagram for the ratio 3:2 has 3 boxes for one part and 2 boxes for the other.
2. If a ratio is 1:4, the total number of equal boxes in the tape diagram is 5.
3. A tape diagram has 6 boxes shaded and 4 unshaded. The ratio of shaded to unshaded is 6: 4.
4. Equivalent ratios for 2:3 include 4:6, 6:9, and 8: 12.
5. The ratio 1:4 written as a fraction of part-to-whole is $1/$ 5.
6. The ratio 3:7 as a part-to-whole fraction is $3/$ 10.
7. If $1/4$ of a class is boys, the percent that is boys is 25 %.
8. The ratio 1:1 as a decimal of part-to-whole is 0. 5.
9. Filling a table for ratio 5:2, after 5:2 and 10:4 the next pair is 15: 6.

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 1:3	→ <u>1 box and 3 boxes (4 total)</u>	1 box and 3 boxes (4 total)
Ratio 2:1	→ <u>2 boxes and 1 box (3 total)</u>	2 boxes and 1 box (3 total)
Ratio 1:1	→ <u>1 box and 1 box (2 total)</u>	1 box and 1 box (2 total)
Ratio 3:2	→ <u>3 boxes and 2 boxes (5 total)</u>	3 boxes and 2 boxes (5 total)