

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

## Ratio Word Problems

Read each situation carefully. Match each ratio with the situation it describes by writing the corresponding letter on the line. Remember to simplify.

1. \_\_\_\_ The ratio of black to blue pens when there are 15 black pens and 10 blue pens. a. 3:1
2. \_\_\_\_ The ratio of adult cats to total animals when the cat clinic has 8 kittens and 2 adult cats. b. 7:2
3. \_\_\_\_ The ratio of heads to tails when 11 of 20 coin flips were heads. c. 1:5
4. \_\_\_\_ The ratio of Team Silver's 35-point score to Team Gold's 10-point score. d. 8:13



9. \_\_\_\_ The ratio of wins to losses when a team won 6 of 14 matches. i. 6:5
  10. \_\_\_\_ The ratio of books to comics sold when a store sold 36 books and 30 comics. j. 11:9
  11. \_\_\_\_ The ratio of dairy to nondairy desserts when 14 of 20 options are dairy. k. 1:2
  12. \_\_\_\_ The ratio of left-handed to total students when 4 of 40 are left-handed. l. 3:4
- ★ **Challenge:** The ratio of pink pins to total pins when there are 2 pink, 2 green, and 4 yellow. \_\_\_\_\_

# ANSWER KEY

## Ratio Word Problems

Read each situation carefully. Match each ratio with the situation it describes by writing the corresponding letter on the line. Remember to simplify.

1. e The ratio of black to blue pens when there are 15 black pens and 10 blue pens.

a. 3:1

# Preview

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12. d The ratio of left-handed to total students when 4 of 40 are left-handed.

f. 3:1

- ★ **Challenge:** The ratio of pink pins to total pins when there are 2 pink, 2 green, and 4 yellow.

1:4