

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 |



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|--|---------|
| 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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the printable version of this worksheet.



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

1. 3:1

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

1:4