

**Solve each problem.****Answers**

- 1) For every 5 boys on a softball team there is 1 girl. What is the ratio of boys to girls?
- 2) The ratio of male to female birds in a bird cage was 5:2. For every \_\_\_\_\_ males there are \_\_\_\_\_ females.
- 3) At the carnival the ratio of rides to games was 9:8. For every \_\_\_\_\_ games there are \_\_\_\_\_ rides.
- 4) In a bag of candy for every 3 chocolate pieces there are 7 sugar pieces. What is the ratio of chocolate pieces to sugar pieces?
- 5) At the burger shop the ratio of regular sodas sold to diet sodas sold was 7:1. For every \_\_\_\_\_ diet sodas sold there is \_\_\_\_\_ regular soda sold.
- 6) At the malt shop the ratio of hotdogs sold to hamburgers sold was 7:5. For every \_\_\_\_\_ hamburgers sold there were \_\_\_\_\_ hotdogs sold.
- 7) At the pet store the ratio of dogs to cats was 6:4. For every \_\_\_\_\_ cats there are \_\_\_\_\_ dogs.
- 8) For every 8 Wii games Sarah owned she had 4 PS3 games. What is her ratio of Wii games to PS3 games?
- 9) The ratio of cars to trucks in a parking lot was 4:7. For every \_\_\_\_\_ cars there were \_\_\_\_\_ trucks.
- 10) At an icecream shop the ratio of chocolate cones sold to vanilla cones sold was 1:2. For every \_\_\_\_\_ vanilla cone sold there were \_\_\_\_\_ chocolate cones sold.
- 11) At an orchard the ratio of green apples to red apples was 9:7. For every \_\_\_\_\_ red apples there were \_\_\_\_\_ green apples.
- 12) For every 4 small popcorns sold at the theater there were 3 large sold. What is the ratio of small sold to large sold?
- 13) At the store for every 2 movies sold there were 8 books sold. What is the ratio of books sold to movies sold?
- 14) In the class election for every 9 votes Tommy got, Sarah got 7 votes. What is the ratio of votes for Sarah to votes for Tommy?
- 15) At the the thrift store the ratio of long sleeve shirts to short sleeve shirts was 8:6. For every \_\_\_\_\_ short sleeve shirts there were \_\_\_\_\_ long sleeve shirts.

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15. \_\_\_\_\_



**Solve each problem.**

**Answers**

- |   |                                |
|---|--------------------------------|
| <p>1) For every 5 boys on a softball team there is 1 girl. What is the ratio of boys to girls?</p>  | <p>1. <u>5:1</u></p>           |
| <p>2) The ratio of male to female birds in a bird cage was 5:2. For every _____ males there are _____ females.</p>  | <p>2. <u>5</u>   <u>2</u></p>  |
| <p>3) At the carnival the ratio of rides to games was 9:8. For every _____ games there are _____ rides.</p>   | <p>3. <u>8</u>   <u>9</u></p>  |
| <p>4) In a bag of candy for every 3 chocolate pieces there are 7 sugar pieces. What is the ratio of chocolate pieces to sugar pieces?</p>                                   | <p>4. <u>3:7</u></p>           |
| <p>5) At the burger shop the ratio of regular sodas sold to diet sodas sold was 7:1. For every _____ diet sodas sold there is _____ regular soda sold.</p>                  | <p>5. <u>1</u>   <u>7</u></p>  |
| <p>6) At the malt shop the ratio of hotdogs sold to hamburgers sold was 7:5. For every _____ hamburgers sold there were _____ hotdogs sold.</p>                             | <p>6. <u>5</u>   <u>7</u></p>  |
| <p>7) At the pet store the ratio of dogs to cats was 6:4. For every _____ cats there are _____ dogs.</p>  | <p>7. <u>4</u>   <u>6</u></p>  |
| <p>8) For every 8 Wii games Sarah owned she had 4 PS3 games. What is her ratio of Wii games to PS3 games?</p>   | <p>8. <u>8:4</u></p>           |
| <p>9) The ratio of cars to trucks in a parking lot was 4:7. For every _____ cars there were _____ trucks.</p>   | <p>9. <u>4</u>   <u>7</u></p>  |
| <p>10) At an icecream shop the ratio of chocolate cones sold to vanilla cones sold was 1:2. For every _____ vanilla cone sold there were _____ chocolate cones sold.</p>    | <p>10. <u>2</u>   <u>1</u></p> |
| <p>11) At an orchard the ratio of green apples to red apples was 9:7. For every _____ red apples there were _____ green apples.</p>   | <p>11. <u>7</u>   <u>9</u></p> |
| <p>12) For every 4 small popcorns sold at the theater there were 3 large sold. What is the ratio of small sold to large sold?</p>   | <p>12. <u>4:3</u></p>          |
| <p>13) At the store for every 2 movies sold there were 8 books sold. What is the ratio of books sold to movies sold?</p>  | <p>13. <u>8:2</u></p>          |
| <p>14) In the class election for every 9 votes Tommy got, Sarah got 7 votes. What is the ratio of votes for Sarah to votes for Tommy?</p>                                   | <p>14. <u>7:9</u></p>          |
| <p>15) At the the thrift store the ratio of long sleeve shirts to short sleeve shirts was 8:6. For every _____ short sleeve shirts there were _____ long sleeve shirts.</p> | <p>15. <u>6</u>   <u>8</u></p> |