

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

**Ex)** At an orchard the ratio of green apples to red apples was 6:2. For every 2 red apples there were 6 green apples.

Ex. 2 6

- 1) At the store for every 8 movies sold there were 9 books sold. What is the ratio of books sold to movies sold?
- 2) At the thrift store for every 8 long sleeve shirts there were 2 short sleeve shirts. What is the ratio of long sleeve shirts to short sleeve shirts?
- 3) The ratio of Wii games to PS3 games Henry owned was 6:5. For every \_\_\_\_\_ Wii games he owned he had \_\_\_\_\_ PS3 games.
- 4) The ratio of cars to trucks in a parking lot was 8:5. For every \_\_\_\_\_ trucks there were \_\_\_\_\_ cars.
- 5) At the pet store the ratio of dogs to cats was 4:7. For every \_\_\_\_\_ dogs there are \_\_\_\_\_ cats.
- 6) In the class election for every 4 Emily Emily got, Edward got 8 Edward. What is the ratio of votes for Emily to votes for Edward?
- 7) At an icecream shop for every 3 vanilla cones sold there were 7 chocolate cones sold. What is the ratio of chocolate cones to vanilla cones sold?
- 8) At the malt shop the ratio of hotdogs sold to hamburgers sold was 9:5. For every \_\_\_\_\_ hotdogs sold there were \_\_\_\_\_ hamburgers sold.
- 9) For every 2 rides at the fair there are 5 games. What is the ratio of rides to games?
- 10) In a bag of candy for every 7 chocolate pieces there are 2 sugar pieces. What is the ratio of chocolate pieces to sugar pieces?
- 11) For every 5 small popcorns sold at the theater there were 2 large popcorns sold. What is the ratio of small popcorns sold to large popcorns sold?
- 12) For every 4 pickles on a burger there are 6 onions. What is the ratio of pickles to onions?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_



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- 3) The ratio of Wii games to PS3 games Henry owned was 6:5. For every 6 Wii games he owned he had 5 PS3 games.
- 4) The ratio of cars to trucks in a parking lot was 8:5. For every 5 trucks there were 8 cars.
- 5) At the pet store the ratio of dogs to cats was 4:7. For every 4 dogs there are 7 cats.
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**Answers**

|     |            |          |
|-----|------------|----------|
| Ex. | <u>2</u>   | <u>6</u> |
| 1.  | <u>9:8</u> |          |
| 2.  | <u>8:2</u> |          |
| 3.  | <u>6</u>   | <u>5</u> |
| 4.  | <u>5</u>   | <u>8</u> |
| 5.  | <u>4</u>   | <u>7</u> |
| 6.  | <u>4:8</u> |          |
| 7.  | <u>7:3</u> |          |
| 8.  | <u>9</u>   | <u>5</u> |
| 9.  | <u>2:5</u> |          |
| 10. | <u>7:2</u> |          |
| 11. | <u>5:2</u> |          |
| 12. | <u>4:6</u> |          |