

**Solve each problem.**

- Ex)** At an orchard the ratio of green apples to red apples was 9:8. For every _____ red apples there were _____ green apples.
- 1) For every 2 trucks in a parking lot there are 3 cars. What is the ratio of cars to trucks in the parking lot?
- 2) During the class election the ratio of votes for Rachel to votes for Billy was 8:5. For every _____ votes Rachel got Billy got _____.
- 3) In a bag of candy the ratio of chocolate pieces to sugar pieces was 2:3. For every _____ chocolate pieces there are _____ sugar pieces.
- 4) 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.
- 5) The ratio of boys to girls on a softball team was 5:4. For every _____ girls there are _____ boys.
- 6) In a neighborhood the ratio of old homes to new homes was 6:4. For every _____ new homes in the neighborhood there were _____ old homes.
- 7) The ratio of Wii games to PS3 games Cody owned was 2:6. For every _____ Wii games he owned he had _____ PS3 games.
- 8) For every 9 small popcorns sold at the theater there were 7 large popcorns sold. What is the ratio of small popcorns sold to large popcorns sold?
- 9) At the pet store the ratio of dogs to cats was 4:7. For every _____ dogs there are _____ cats.
- 10) At the burger shop the ratio of regular sodas sold to diet sodas sold was 9:3. For every _____ regular sodas sold there are _____ diet sodas sold.
- 11) At the carnival the ratio of rides to games was 6:5. For every _____ rides there are _____ games.
- 12) For every 6 hamburgers sold at the malt shop there are 8 hotdogs sold. What is the ratio of hotdogs sold to hamburgers sold?

AnswersEx. 8 9

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

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Answers

- Ex. 8 9
1. 3:2
2. 8 5
3. 2 3
4. 6 8
5. 4 5
6. 4 6
7. 2 6
8. 9:7
9. 4 7
10. 9 3
11. 6 5
12. 8:6