

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

- 1) In one day a movie store rented out 42 comedies. If the ratio of comedies rented to action movies rented was $7 : 6$, how many action movies were rented?
- 2) During a class election the ratio of students who voted for candidate A compared to candidate B was $10 : 7$. If candidate A received 90 votes, what is the combined amount of votes candidate A and candidate B received?
- 3) A parking lot has 24 spaces total. If 9 of the spaces have cars in them, what is the ratio of empty spaces to filled spaces?
- 4) During the lunch break a deli sold 56 large sodas. If the ratio of large sodas sold to small sodas sold was $7 : 4$, how many small sodas were sold?
- 5) A cafeteria sold 20 cartons of regular flavored milk. If the ratio of regular milk sold to chocolate milk sold was $10 : 3$, what is the combined amount of chocolate and regular milk sold?
- 6) For an art show, an artist painted 18 pictures. During the show he sold 4 of his pictures. What is the ratio of pictures he still has to pictures he sold?
- 7) At summer camp the ratio of boys to girls was $5 : 2$. If there were 10 boys, how many girls were there?
- 8) At a book fair there were 63 fiction books sold. If the ratio of fiction books sold to non-fiction book sold was $9 : 7$, how many books were sold total?
- 9) A cafeteria offered two types of milk, regular or chocolate. If they sold 48 cartons total and 20 of them were regular flavor, what is the ratio of chocolate milk sold to regular milk sold?
- 10) The ratio of red cars to blue cars in a parking lot was $4 : 1$. If there were 28 red cars, how many blue cars were there?

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1. **36**
2. **153**
3. **5 : 3**
4. **32**
5. **26**
6. **7 : 2**
7. **4**
8. **112**
9. **7 : 5**
10. **7**



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