

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

- 1) The ratio of white chocolate to dark chocolate sold at a candy shop was  $9 : 1$ . If there were 72 bars of white chocolate sold, how many bars of dark chocolate were sold?
- 2) A cafeteria sold 48 cartons of regular flavored milk. If the ratio of regular milk sold to chocolate milk sold was  $6 : 5$ , what is the combined amount of chocolate and regular milk sold?
- 3) For an art show, an artist painted 48 pictures. During the show he sold 18 of his pictures. What is the ratio of pictures he still has to pictures he sold?
- 4) In one day a movie store rented out 32 comedies. If the ratio of comedies rented to action movies rented was  $8 : 3$ , how many action movies were rented?
- 5) A teacher had 42 red pens. If the ratio of red pens to blue pens she owned was  $7 : 1$ , how many pens did she have total?
- 6) At a bake sale there were 52 items sold total. If 16 of the items sold were cookies and the rest were brownies what is the ratio of brownies sold to cookies sold?
- 7) Frank was playing checkers with a friend. The ratio of games Frank won was  $3 : 1$ . If Frank won 24 games, how many games did his friend win?
- 8) During a class election the ratio of students who voted for candidate A compared to candidate B was  $9 : 7$ . If candidate A received 63 votes, what is the combined amount of votes candidate A and candidate B received?
- 9) At a carnival John bought 45 tickets. If he used 9 tickets trying to win the ring toss game, what is the ratio of tickets he has to tickets he's used?
- 10) A buffet offers ranch or caesar dressing. The ratio of ranch dressing used to caesar dressing used is  $5 : 4$ . If the buffet uses 15 cases of ranch dressing, how many cases of caesar do they use?

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1. 8
2. 88
3. 5 : 3
4. 12
5. 48
6. 9 : 4
7. 8
8. 112
9. 4 : 1
10. 12



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**Answers**

112	88	4 : 1	9 : 4	12
8	48	8	5 : 3	12

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