

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

- 1) The ratio of white chocolate to dark chocolate sold at a candy shop was 8 : 7. If there were 24 bars of white chocolate sold, how many bars of dark chocolate were sold?
- 2) A student finished 40 of her homework problems in class. If the ratio of problems she finished to problems she still had left was 5 : 4, how many homework problems did she have total?
- 3) During a class election 8 people voted for candidate A. If there were 44 votes total, what is the ratio of votes for candidate B compared to candidate A?
- 4) At an ice cream shop the ratio of sugar cones sold to waffle cones sold is 6 : 5. If there are 48 sugar cones sold, how many waffles cones would be sold?
- 5) A teacher had 15 red pens. If the ratio of red pens to blue pens she owned was 5 : 1, how many pens did she have total?
- 6) A chess player played 40 games total. If he won 16 of the games, what is the ratio of games he lost to games he won?
- 7) During a class election 54 students voted for candidate A. If the ratio of votes for candidate A to the votes for candidate B was 9 : 1, how many votes did candidate B receive?
- 8) A pet store sold 35 siamese cats. If the ratio of siamese cats to house cats sold was 7 : 1, what is the combined amount of cats sold?
- 9) Kaleb spent 72 minutes completing a race. He walked 27 minutes and jogged the rest. What is the ratio of time he jogged to time he walked?
- 10) A video uploaded had 56 'up votes'. If the ratio of 'up votes' to 'down votes' was 7 : 2, how many 'down votes' did the video get?

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Answers

1. **21**
2. **72**
3. **9 : 2**
4. **40**
5. **18**
6. **3 : 2**
7. **6**
8. **40**
9. **5 : 3**
10. **16**



Solve each problem.

Answers

40

3 : 2

21

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72

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