

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

- 1) At an ice cream shop the ratio of sugar cones sold to waffle cones sold is 4 : 3. If there are 32 sugar cones sold, how many waffles cones would be sold?
- 2) A small school has 12 boys. If the ratio of boys to girls is 2 : 1, how many, students are there total?
- 3) Dave had 18 songs on his MP3 player. If he deleted 3 songs, what is the ratio of songs he kept to songs he deleted?
- 4) The ratio of red cars to blue cars in a parking lot was 9 : 5. If there were 18 red cars, how many blue cars were there?
- 5) At a book fair there were 28 fiction books sold. If the ratio of fiction books sold to non-fiction book sold was 4 : 1, how many books were sold total?
- 6) A box of candy has 10 pieces total. If 4 of the pieces are cherry flavored, what is the ratio of other flavors to cherry flavored pieces?
- 7) A classroom had 54 glue sticks. If the ratio of glue sticks to glue bottles was 9 : 8, how many glue bottles did the classroom have?
- 8) A fast food restaurant sold 40 burgers with cheese. If the ratio of burgers sold with cheese compared to without cheese was 8 : 5, how many burgers did they sell total?
- 9) For an art show, an artist painted 16 pictures. During the show he sold 2 of his pictures. What is the ratio of pictures he still has to pictures he sold?
- 10) At a farm the ratio of cows to horses was 10 : 7. If there were 90 cows at the farm, how many horses were there?

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1. **24**
2. **18**
3. **5 : 1**
4. **10**
5. **35**
6. **3 : 2**
7. **48**
8. **65**
9. **7 : 1**
10. **63**



Solve each problem.

Answers

7 : 1

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3 : 2

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18

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5 : 1

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