



Solve each problem.

Answers

- 1) A video uploaded had 24 'up votes'. If the ratio of 'up votes' to 'down votes' was 8 : 7, how many 'down votes' did the video get?
- 2) At a book fair there were 40 fiction books sold. If the ratio of fiction books sold to non-fiction book sold was 5 : 3, how many books were sold total?
- 3) During a period of 88 minutes, a music station played 24 minutes of commercials. What is the ratio of music they played to commercials they played?
- 4) At the carnival, the ratio of people who won the ring toss game to lost it was 9 : 8. If 54 people won, how many people would have lost?
- 5) A fast food restaurant sold 16 burgers with cheese. If the ratio of burgers sold with cheese compared to without cheese was 2 : 1, how many burgers did they sell total?
- 6) A box of candy has 91 pieces total. If 35 of the pieces are cherry flavored, what is the ratio of other flavors to cherry flavored pieces?
- 7) During a class election 45 students voted for candidate A. If the ratio of votes for candidate A to the votes for candidate B was 9 : 5, how many votes did candidate B receive?
- 8) At a restaurant the ratio of kids meals sold to adult meals sold was 6 : 5. If there were 30 kids meals sold, what is the combined amount of kids and adult meals sold?
- 9) A restaurant offers diet soda and regular soda. In one day they sold 144 sodas. If 63 of the sodas they sold were diet, what is the ratio of regular sodas sold to diet sodas sold?
- 10) A recipe called for the ratio of sugar to flour to be 9 : 2. If you used 45 ounce of sugar, how many ounces of flour would you need to use?

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Answers

1. 21
2. 64
3. 8 : 3
4. 48
5. 24
6. 8 : 5
7. 25
8. 55
9. 9 : 7
10. 10



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48	8 : 5	9 : 7	25	55
64	21	8 : 3	24	10

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