

Solve each problem.

- 1) During a class election 24 students voted for candidate A. If the ratio of votes for candidate A to the votes for candidate B was 8:7, how many votes did candidate B receive?

Answers

- 2) A chess player won 72 of the games he played. If his ratio of wins to loses was 9:1, how many games did he play total?
- 3) Luke spent 25 minutes completing a race. He walked 10 minutes and jogged the rest. What is the ratio of time he jogged to time he walked?
- 4) A buffet offers ranch or caesar dressing. The ratio of ranch dressing used to caesar dressing used is 2:1. If the buffet uses 18 cases of ranch dressing, how many cases of caesar do they use?
- 5) Ned deleted 10 songs from his MP3 player. If the ratio of songs he deleted to songs he kept was 5 : 2, how many songs did he originally have on his MP3 player?

6) A video game had 22 levels in it. If you beat 2 of the levels, what is the ratio of levels left

to the levels that have been beaten?

- 7) The ratio of red cars to blue cars in a parking lot was 6: 1. If there were 12 red cars, how many blue cars were there?

- 8) At a bake sale there were 35 raisin cookies sold. If the ratio of raisin cookies sold to
- oatmeal cookies sold was 7:2, what is the combined amount of raisin and oatmeal cookies sold?
- 9) A produce store offers red and green apples. In one morning they sold 24 apples total. If 6 of the apples they sold were red, what is the ratio of green apples sold to red apples sold?
- 10) In one day a movie store rented out 32 comedies. If the ratio of comedies rented to action movies rented was 8:1, how many action movies were rented?

Name:

Solve each problem.

- 1) During a class election 24 students voted for candidate A. If the ratio of votes for candidate A to the votes for candidate B was 8:7, how many votes did candidate B receive?
- 21

Answers

- 2) A chess player won 72 of the games he played. If his ratio of wins to loses was 9:1, how many games did he play total?
- 3) Luke spent 25 minutes completing a race. He walked 10 minutes and jogged the rest. What is the ratio of time he jogged to time he walked?

3:2

- 4) A buffet offers ranch or caesar dressing. The ratio of ranch dressing used to caesar dressing used is 2:1. If the buffet uses 18 cases of ranch dressing, how many cases of caesar do they use?

- 5) Ned deleted 10 songs from his MP3 player. If the ratio of songs he deleted to songs he kept
- 10:1

- was 5 : 2, how many songs did he originally have on his MP3 player?

- 6) A video game had 22 levels in it. If you beat 2 of the levels, what is the ratio of levels left
- **45**

- to the levels that have been beaten?
- 3:1

7) The ratio of red cars to blue cars in a parking lot was 6:1. If there were 12 red cars, how many blue cars were there?

- 8) At a bake sale there were 35 raisin cookies sold. If the ratio of raisin cookies sold to
- oatmeal cookies sold was 7:2, what is the combined amount of raisin and oatmeal cookies sold?
- 9) A produce store offers red and green apples. In one morning they sold 24 apples total. If 6 of the apples they sold were red, what is the ratio of green apples sold to red apples sold?
- 10) In one day a movie store rented out 32 comedies. If the ratio of comedies rented to action movies rented was 8:1, how many action movies were rented?



Understanding Ratios

Name:

Solve	each	probl	em.
2011		P1 0 2 1	~

4	10:1	80	2	9 3:2
45	3:1	21	14	3:2

- 1) During a class election 24 students voted for candidate A. If the ratio of votes for candidate A to the votes for candidate B was 8:7, how many votes did candidate B receive?
- 2) A chess player won 72 of the games he played. If his ratio of wins to loses was 9:1, how many games did he play total?
- 3) Luke spent 25 minutes completing a race. He walked 10 minutes and jogged the rest. What is the ratio of time he jogged to time he walked?
- 4) A buffet offers ranch or caesar dressing. The ratio of ranch dressing used to caesar dressing used is 2:1. If the buffet uses 18 cases of ranch dressing, how many cases of caesar do they use?
- 5) Ned deleted 10 songs from his MP3 player. If the ratio of songs he deleted to songs he kept was 5 : 2, how many songs did he originally have on his MP3 player?
- 6) A video game had 22 levels in it. If you beat 2 of the levels, what is the ratio of levels left to the levels that have been beaten?
- 7) The ratio of red cars to blue cars in a parking lot was 6: 1. If there were 12 red cars, how many blue cars were there?
- 8) At a bake sale there were 35 raisin cookies sold. If the ratio of raisin cookies sold to oatmeal cookies sold was 7:2, what is the combined amount of raisin and oatmeal cookies sold?
- 9) A produce store offers red and green apples. In one morning they sold 24 apples total. If 6 of the apples they sold were red, what is the ratio of green apples sold to red apples sold?
- 10) In one day a movie store rented out 32 comedies. If the ratio of comedies rented to action movies rented was 8:1, how many action movies were rented?

<u>Answers</u>