

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

- 1) At a farm the ratio of cows to horses was  $7 : 2$ . If there were 21 cows at the farm, how many horses were there?
- 2) A pet store sold 28 siamese cats. If the ratio of siamese cats to house cats sold was  $4 : 1$ , what is the combined amount of cats sold?
- 3) A restaurant offers diet soda and regular soda. In one day they sold 78 sodas. If 18 of the sodas they sold were diet, what is the ratio of regular sodas sold to diet sodas sold?
- 4) At the carnival, the ratio of people who won the ring toss game to lost it was  $8 : 5$ . If 56 people won, how many people would have lost?
- 5) Kaleb was playing 'Connect Four' with a friend. The ratio of games he won to games he lost was  $3 : 2$ , if he won 18 games, how many games did they play total?
- 6) For homework, a student had to complete 54 problems total. If she finished 9 problems in class, what is the ratio of problems she still needs to complete to problems that she's already finished?
- 7) In one day a movie store rented out 32 comedies. If the ratio of comedies rented to action movies rented was  $8 : 7$ , how many action movies were rented?
- 8) A produce store sold 32 red apples. If the ratio of red apples to green apples sold was  $8 : 3$ , what is the combined amount of red and green apples sold?
- 9) During a period of 112 minutes, a music station played 40 minutes of commercials. What is the ratio of music they played to commercials they played?
- 10) A video uploaded had 42 'up votes'. If the ratio of 'up votes' to 'down votes' was  $7 : 6$ , how many 'down votes' did the video get?

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**Answers**

1. 6
2. 35
3. 10 : 3
4. 35
5. 30
6. 5 : 1
7. 28
8. 44
9. 9 : 5
10. 36



Solve each problem.

**Answers**

10 : 3

30

5 : 1

6

35

44

28

35

9 : 5

36

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