Solve each problem.

1) A recipe called for the ratio of sugar to flour to be 5 : 1. If you used 35 ounce of sugar, how many ounces of flour would you need to use?

2) A teacher had 21 red pens. If the ratio of red pens to blue pens she owned was 3 : 1, how many pens did she have total?

3) A chess player played 20 games total. If he won 2 of the games, what is the ratio of games he lost to games he won?

4) At a pet store the ratio of cats to dogs sold was 10 : 1. If there were 60 cats that were sold, how many dogs were sold?

5) At a restaurant the ratio of kids meals sold to adult meals sold was 5 : 4. If there were 20 kids meals sold, what is the combined amount of kids and adult meals sold?

6) A student bought 34 pencils for school. If he sharpened 16 of the pencils before school, what is his ratio of unsharpened pencils to sharpened pencils?

7) A buffet offers ranch or caesar dressing. The ratio of ranch dressing used to caesar dressing used is 8 : 3. If the buffet uses 72 cases of ranch dressing, how many cases of caesar do they use?

8) A student finished 72 of her homework problems in class. If the ratio of problems she finished to problems she still had left was 8 : 1, how many homework problems did she have total?

9) At a carnival Cody bought 15 tickets. If he used 6 tickets trying to win the ring toss game, what is the ratio of tickets he has to tickets he's used?

10) At a farm the ratio of cows to horses was 10 : 3. If there were 20 cows at the farm, how many horses were there?

Answers

1. 7
2. 28
3. 9 : 1
4. 6
5. 36
6. 9 : 8
7. 27
8. 81
9. 3 : 2
10. 6
Solve each problem.

1) A recipe called for the ratio of sugar to flour to be 5 : 1. If you used 35 ounce of sugar, how many ounces of flour would you need to use?

2) A teacher had 21 red pens. If the ratio of red pens to blue pens she owned was 3 : 1, how many pens did she have total?

3) A chess player played 20 games total. If he won 2 of the games, what is the ratio of games he lost to games he won?

4) At a pet store the ratio of cats to dogs sold was 10 : 1. If there were 60 cats that were sold, how many dogs were sold?

5) At a restaurant the ratio of kids meals sold to adult meals sold was 5 : 4. If there were 20 kids meals sold, what is the combined amount of kids and adult meals sold?

6) A student bought 34 pencils for school. If he sharpened 16 of the pencils before school, what is his ratio of unsharpened pencils to sharpened pencils?

7) A buffet offers ranch or caesar dressing. The ratio of ranch dressing used to caesar dressing used is 8 : 3. If the buffet uses 72 cases of ranch dressing, how many cases of caesar do they use?

8) A student finished 72 of her homework problems in class. If the ratio of problems she finished to problems she still had left was 8 : 1, how many homework problems did she have total?

9) At a carnival Cody bought 15 tickets. If he used 6 tickets trying to win the ring toss game, what is the ratio of tickets he has to tickets he's used?

10) At a farm the ratio of cows to horses was 10 : 3. If there were 20 cows at the farm, how many horses were there?
Solve each problem.

1) A recipe called for the ratio of sugar to flour to be 5 : 1. If you used 35 ounce of sugar, how many ounces of flour would you need to use?

2) A teacher had 21 red pens. If the ratio of red pens to blue pens she owned was 3 : 1, how many pens did she have total?

3) A chess player played 20 games total. If he won 2 of the games, what is the ratio of games he lost to games he won?

4) At a pet store the ratio of cats to dogs sold was 10 : 1. If there were 60 cats that were sold, how many dogs were sold?

5) At a restaurant the ratio of kids meals sold to adult meals sold was 5 : 4. If there were 20 kids meals sold, what is the combined amount of kids and adult meals sold?

6) A student bought 34 pencils for school. If he sharpened 16 of the pencils before school, what is his ratio of unsharpened pencils to sharpened pencils?

7) A buffet offers ranch or caesar dressing. The ratio of ranch dressing used to caesar dressing used is 8 : 3. If the buffet uses 72 cases of ranch dressing, how many cases of caesar do they use?

8) A student finished 72 of her homework problems in class. If the ratio of problems she finished to problems she still had left was 8 : 1, how many homework problems did she have total?

9) At a carnival Cody bought 15 tickets. If he used 6 tickets trying to win the ring toss game, what is the ratio of tickets he has to tickets he's used?

10) At a farm the ratio of cows to horses was 10 : 3. If there were 20 cows at the farm, how many horses were there?