



Solve each problem.

Answers

6	81	9 : 1	9 : 8	36
6	27	7	28	3 : 2

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____
- 9. _____
- 10. _____

- 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?

5.2 Puzzle Time

How Can A Leopard Change His Spots?

Write the letter of each answer in the box containing the exercise number.

Find the missing value(s) in the ratio table.

1.

Butterflies	2	
Flowers	7	14

2.

Nickels	6	12
Dimes	11	

3.

Apples	5		15
Oranges	6	12	

4.

Carrots	8	16	
Cucumbers	3		9

5.

Cats	3		9
Dogs	2	4	

6.

Pens	3	6	
Pencils	4		12

Answers

I. 6, 6

Y. 22

M. 8

V. 4

G. 6, 24

N. 12

O. 10, 18

B. 8, 9

Complete the ratio table to solve the problem.

7. For every 2 laps you swim, your friend swims 3 laps. You swim a total of 8 laps. How many laps does your friend swim?

You	2	8
Friend	3	

8. An amusement park sells 5 bottles of water for every 2 bottles of juice. In one hour, the amusement park sells 20 bottles of water. How many bottles of juice does the amusement park sell?

Water	5	20
Juice	2	

6	2		8	3	1	5	7	4
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