Solve each problem.

1) A recipe called for the ratio of sugar to flour to be 7 : 3. If you used 63 ounce of sugar, how many ounces of flour would you need to use?

1. _____

2. _____

2) Edward had beaten 24 levels in a video game. If the ratio of levels he had beaten to not beaten was 3 : 1, how many levels does the game have total?

3. _____

4. _____

3) At a bake sale there were 52 items sold total. If 24 of the items sold were cookies and the rest were brownies what is the ratio of brownies sold to cookies sold?

5. _____

6. _____

4) At the carnival, the ratio of people who won the ring toss game to lost it was 8 : 5. If 24 people won, how many people would have lost?

7. _____

8. _____

5) At a bake sale there were 42 raisin cookies sold. If the ratio of raisin cookies sold to oatmeal cookies sold was 6 : 1, what is the combined amount of raisin and oatmeal cookies sold?

9. _____

10. _____

6) A parking lot has 117 spaces total. If 36 of the spaces have cars in them, what is the ratio of empty spaces to filled spaces?

7) A classroom had 63 glue sticks. If the ratio of glue sticks to glue bottles was 9 : 1, how many glue bottles did the classroom have?

8) A parking lot has 35 empty space. If the ratio of empty spaces to taken spaces is 5 : 4, how many spaces are there total?

9) A cafeteria offered two types of milk, regular or chocolate. If they sold 72 cartons total and 27 of them were regular flavor, what is the ratio of chocolate milk sold to regular milk sold?

10) At an ice cream shop the ratio of sugar cones sold to waffle cones sold is 8 : 7. If there are 56 sugar cones sold, how many waffles cones would be sold?

Name:

Solve each problem.

Answers

1) A recipe called for the ratio of sugar to flour to be 7 : 3. If you used 63 ounce of sugar, how many ounces of flour would you need to use?

1. **27**

2) Edward had beaten 24 levels in a video game. If the ratio of levels he had beaten to not beaten was 3 : 1, how many levels does the game have total?

2. **32**

3. **7 : 6**

3) At a bake sale there were 52 items sold total. If 24 of the items sold were cookies and the rest were brownies what is the ratio of brownies sold to cookies sold?

4. **15**

5. **49**

4) At the carnival, the ratio of people who won the ring toss game to lost it was 8 : 5. If 24 people won, how many people would have lost?

6. **9 : 4**

7. **7**

8. **63**

5) At a bake sale there were 42 raisin cookies sold. If the ratio of raisin cookies sold to oatmeal cookies sold was 6 : 1, what is the combined amount of raisin and oatmeal cookies sold?

9. **5 : 3**

10. **49**

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1-10	90	80	70	60	50	40	30	20	10	0

Understanding Ratios   Name:

Solve each problem.

Answers

| 7 | 63 | 49 | 7 : 6 | 32 |
| 49 | 15 | 9 : 4 | 27 | 5 : 3 |

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

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