

Finding the total amount given the percentage of a partial amount: Worksheet 11.3

Name Date Score

1. A food joint offers buffets with ranch and Caesar dressings. If the buffet uses 36 cases of ranch dressing, which is 48% of all dressings, what is total number of dressings altogether?
2. At a carnival, the percentage of people who won the ring toss game was 60% and their number was 24. What was the total number of people who played the ring toss game?
3. During a race Jenna jogged for 56 minutes and for the rest, she walked. If the time she jogged was 70% of the total time, what was the total time of the race?
4. A small school has 60% boys and rest girls. If the number of boys is 48, what is the total number of boys and girls altogether in the school?
5. A fruit store sold red and green apples. If the percentage of red apples sold was 80% and the number of red apples sold was 72, what is the total number of red and green apples sold?
6. Frank had some money. He spent \$21 dollars on new books, which is 30% of the money he had. What was the amount of money he had?
7. In a parking lot there were red and blue cars. There were 33 red cars, the percentage of blue cars was 25%. How many cars were there altogether?
8. A parking lot has 30 empty spaces. If the percentage of taken spaces is 80, how many spaces are there in total?
9. A cafeteria sold two types of milk, regular and chocolate. If they sold 22 cartons of regular flavor, and the percentage of chocolate flavor milk cartons sold was 75%, what is the total number of milk cartons that were sold?
10. At a restaurant, the number of kid's meals sold was 25 and the percentage of adult meals sold was 80%. What is the total number of meals sold?



Solutions: Worksheet 11.3

1. 75
2. 40
3. 80 minutes
4. 80
5. 90
6. \$70
7. 44
8. 150
9. 88
10. 125

