

## Finding the total amount given the percentage of a partial amount: Worksheet 11.2

Name ..... Date ..... Score .....

1. During a period, a music station played 21 minutes of commercials which was 30% of the total time. What is the duration of the total time of music station under consideration?
2. At a carnival, the percentage of people who won the ring toss game was 60% and their number was 48. What was the total number of people who played the ring toss game?
3. During a race Jenna jogged for 63 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 36, 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 their number was 40, what is the total number of red and green apples sold?
6. Frank had some money. He spent \$18 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 27 red cars, the percentage of blue cars was 25%. How many cars were there altogether?
8. A parking lot has 25 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 21 cartons of regular flavor, and the percentage of chocolate flavor milk cartons 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 18 and the percentage of adult meals sold was 80%. What is the total number of meals sold?



## Solutions: Worksheet 11.2

1. 70 minutes
2. 80
3. 90 minutes
4. 60
5. 50
6. \$60
7. 36
8. 125
9. 84
10. 90

