

Finding the total amount given the percentage of a partial amount: Worksheet 11.1

Name Date Score

1. A classroom had certain number of glue sticks and bottles. If there were 40% glue sticks and the number of glue sticks was 8, what was the total number of glue sticks and bottles altogether?
2. At a carnival, the percentage of people who won the ring toss game was 20% and their number was 14. What was the total number of people who played the ring toss game?
3. During a race Jenna jogged for 49 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 54, 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 32, what is the total number of red and green apples sold?
6. Frank had some money. He spent \$15 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 36 red cars, the percentage of blue cars was 25%. How many cars were there altogether?
8. A parking lot has 32 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 24 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 27 and the percentage of adult meals sold was 80%. What is the total number of meals sold?



Solutions: Worksheet 11.1

1. 20
2. 70
3. 70 minutes
4. 90
5. 40
6. \$50
7. 48
8. 160
9. 96
10. 135

