

Number and Operations

Complete the Cross Number Puzzles. Remember that amounts on both sides of a thick line must be the same.

1

4		
5		
	15	24

2

	23	
	7	
		43

3

20	20	5	
10		50	62
	8		48
50			

4

40	10	6	
10		40	56
6	40	10	

Problem Solving

Use a strategy and solve.

5 Cassie paid 85¢ for a snack from a machine. She used at least one nickel, one dime, and one quarter. She put one coin into the machine. Next, she put in three times as many of a different coin. Then she used twice as many of the third coin as the second coin. Cassie used 10 coins in all. What coins did she use?

6 A group of friends paid \$84.25 for admission to an amusement park. Four of them paid the children's price of \$9.25. The rest paid the adult's price of \$15.75. How many paid each price?

7 There are some ducks and some sheep in a barnyard. If the animals in the barnyard have a total of 80 legs, what is the greatest number of sheep that there could be?
