

Practice 6-10

Make a Table

Make a table to solve each problem.

1. A car was worth \$12,500 in 1998. Its value depreciates, or decreases, 15% per year. Find its value in 2002.

Year	1998	1999	2000	2001	2002
Car's Value	\$12,500				

2. Marcus spent \$105 on 6 items at a sale. Videotapes were on sale for \$15 each and music CD's were on sale for \$20 each. How many of each item did Marcus buy?

Number of Videotapes	1	2	3	4	5
Number of CD's	5	4	3	2	1
Total Cost					

3. Karina likes to mix either apple, orange, or grape juice with either lemon-lime soft drink or sparkling water to make a fizz. How many different fizzes can she make?

4. How many ways can you have 25 cents in change?

5. The deer population of a state park has increased 8% a year for the last 4 years. If there are 308 deer in the park this year, find how large the population was 4 years ago by completing the table.

Year		1	2	3	4
Deer Population					308

6. How many different sandwiches can you make from 3 types of bread, 2 types of cheese, and 2 types of meat? Assume that only one type of each item is used per sandwich.

7. A bus leaves a station at 8:00 A.M. and averages 30 mi/h. Another bus leaves the same station following the same route two hours after the first and averages 50 mi/h. When will the second bus catch up with the first bus?

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