

Problem-Solving Practice**Problem-Solving Investigation: Make a Table***All separate sheet*

Make a table to solve each problem.

- 1. CAR RENTAL** Lawrence wants to rent a car for a family vacation. The prices to rent the car from two different companies are shown below. For how many miles must he drive for the cost from each company to be the same?

Company	Base Cost per Week	Cost per Mile
A-Z Car Rental	\$249	\$0.10
Valley Car Rental	\$299	\$0.05

- 2. ENROLLMENT** The school keeps track of the number of students in each grade. At the beginning of the year, there were 240 6th graders, 280 7th graders, and 310 8th graders. Each month, 10 more students in each class enrolled but 2 students moved. What will be their total enrollment after 5 months?

- 3. SPORTS** The table shows the total number of runs scored by a baseball team throughout the season. Assuming the runs were scored at a steady rate, how many runs were scored in the 6th month?

Month	Total Number of Runs
1	25
2	50
3	75
4	100

- 4. SPAM E-MAILS** Marjeen keeps track of how many spam e-mails she receives each day and totals the e-mails in a table as shown below. At this rate, what will be her total after one week?

Day	Total Number of Spam E-mails
1	10
2	17
3	24
4	31

- 5. DISTANCE** To train for a marathon, Nuveen adds three more miles to his running routine every week. If he runs 2 miles the first week, how many miles will he have run altogether after five weeks?

- 6. PLANTS** The table below shows the height of a tomato plant. Assuming the plant grows at the same rate, what will be the height of the plant after eight weeks?

Week	Height (in.)
1	3
2	8
3	13
4	18