Lesson 2 Problem-Solving Practice

Function Rules

1. AGE There are 12 months in 1 year. If Carrick is 11 years old, how many months old is he? Make a table. Then write a function rule relating the number of months to the number of years.	2. MEASUREMENT There are 12 inches in 1 foot. The height of Rachel's door is 7 feet. Find the height in inches. Make a table. Then write a function rule relating the number of feet to inches.
3. RUNNING There are 60 seconds in 1 minute. Costas can run all the way around the track in 180 seconds. Find how long it takes Costas to run around the track in minutes. Make a table. Then write a function rule relating the number of seconds to the number of minutes.	4. FRUIT There are 16 ounces in 1 pound. Chanda picked 9 pounds of cherries from her tree this year. Find the number of ounces of cherries Chanda picked. Make a table. Then write a function rule relating the number of ounces to the number of pounds.
5. SAVINGS Mikhail saved \$1 of his paycheck the first week. He saved \$2 the second week. He saved \$4 the third week. He saved \$8 the fourth week. If this pattern continues, how much will he save the sixth week? Explain.	6. NUMBER SENSE The first four numbers of a sequence are 3, 9, 27, and 81. If this sequence continues, what are the next two numbers? Explain.