SUNSHINE MATH - 4
Jupiter, IV

Name: _____

(This shows my own thinking.)

★★ 1. A school bus makes 7 stops on its trip to school and 7 stops on the trip home.

     a. How many stops will the bus make in one full week of school? _____

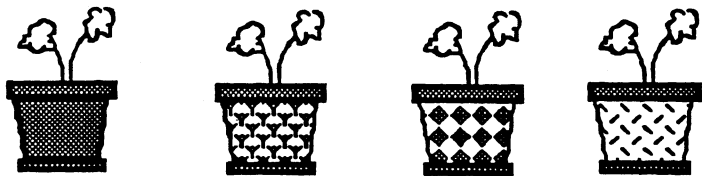   b. How many stops will the bus make in the 180-day school year? _____

★ 2. When Michelle woke up yesterday, the temperature was 72° F. By lunch time, the temperature had risen 15° F. By dinner time, it had fallen 22° F. What was the temperature at dinner time?

                                        Answer: _____ ° F

★★★ 3. Teresa has 4 flower pots in 4 different designs. She likes to display her flower pots in different positions on her window sill. How many different ways can she place her flower pots?

     Answer:_____ways

★★ 4. What is the mystery number x?
- x has 3 digits.
- The tens digit is half the hundreds digits.
- The number is odd.
- The sum of the digits is 9.

                                     Answer: $x =$ _____

★ 5. If the 7th day of the month is on a Tuesday, on what day is the 25th?

Answer:_____

★★★ 6. On the average your heart beats about 72 times per minute. At this rate, about how many times will it beat:
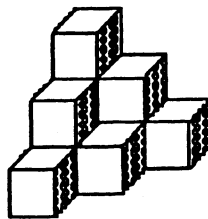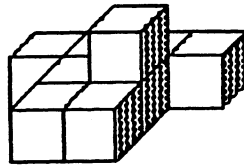
a. in a 30-day month? _____

b. in a year? _____

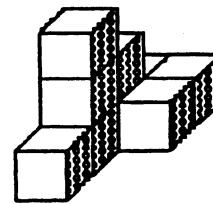c. in your lifetime, if you live to 72 years of age? _____ .

★★★ 7. The volume of a shape is the number of cubes it will take, all the same size, to make the figure. Each figure is made of stacks of cubes that are 1 centimeter on each side. Find the volume of the figures below.

a.   b.   c.

Answer: a._____ cm^3 Answer: b_____ cm^3 Answer: c_____ cm^3

★★★ 8. In a tug of war, 5 donkeys are exactly equal to 2 elephants. In another tug of war, 3 elephants are equal to 1 car. Which team should win if a car and 3 donkeys are matched against 4 elephants?

Answer: _____