SUNSHINE MATH - 4
Jupiter, XXII

Name: _____

(This shows my own thinking.)

★★ 1. If the 24th day of the month falls on Saturday, on what day did the 6th fall?

Answer: _____

★★★ 2. There are 4 six-packs of soda in a case. Chris bought $\frac{1}{2}$ of a case and gave $\frac{1}{3}$ of what he had to Dana. How many cans of soda does Chris have left?

Answer:_____cans

★★★ 3. Together, 6 boys and 12 girls weigh 1050 pounds. The boys all weigh the same, x pounds. Each girl weighs 55 pounds. What is the weight of one boy?

Answer: $x =$ _____ pounds

★★ 4. The sum of 3 consecutive numbers is 276. What are the numbers?
(*Consecutive numbers* differ by one: example: 8, 9, and 10)

Answer:_____, _____, and _____

★★ 5. If a family of 12 spiders wore shoes, how many *pairs* of shoes would they need?

Answer:_____pairs.

57

★★ 6. A tropical storm passed through the town. It began to rain Monday morning at 8:45 AM and did not stop until the next day at 2:30 PM. How long did it rain?

Answer: _____ hours and _____ minutes

★★ 7. There are 3 cars, 4 bicycles, 2 tricycles, and 1 unicycle in the neighbor's garage. How many wheels are there in all? Forget about any "spare tires"!

Answer: _____ wheels

★★ 8. Rosemary bought a sweater on sale for $6.98. She also bought a skirt for $9.99. She paid an additional $1.19 for sales tax. Rosemary gave the sales person a $20 bill. How much change should she receive?

Answer: _____

★★★ 9. Study this pattern. 25 and also 32 would be in column E, if the pattern continued.

a. In which column would 100 appear? _____

b. In which column would 500 appear? _____

c. In which column would 1000 appear? _____

.	.	.	.	.	.	.
21	22	.	.	.	.	.
14	15	16	17	18	19	20
7	8	9	10	11	12	13
0	1	2	3	4	5	6
A	B	C	D	E	F	G