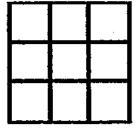
SUNSHINE MATH - 4 Jupiter, X						Name:				
							(This shows my own thinking.)			
**	1.	Draw	the fifth i	and sixth figu	res to follow	the pattern	of dot	s below.		
		•	:	•	•					
		1	2	3	4	5		6		
***	2.	a. Ho b. Wi c. Let	w many o	lots would it in the number of the	at the pattern in take to make the figure that is number. Use	the 10th fi	gure in h 401 (	the pattern?		the
**	3.	mothe weigh	er and one	pup weigher	pups, all alik d 15 pounds. nuch did the li	The moth	er and i	two pups	*****	
					Ans	wer:	po	unds		)

★★ 4. In a Magic Square, the sums of the columns, rows and diagonals are all the same. Using the digits 1-9 only once, fill in the blanks to make this figure a magic square with a sum of 15.



*	5.	Back in the old days, couples would enter marathon dance contests to win money. They would dance continuously, with only short breaks for food and drink. Some contests would go on for over a week. How many hours of dancing would there be in a 7-day week?
		Answer: hours
**	6.	Mr. Trumpet would like to offer you a job. He will hire you for ten days. He will pay you one of three ways:
		a. \$1.00 the first day, \$2.00 the second day, \$3.00 the third day and so on.
		b. 10¢ the first day, 20¢ the second day, 40¢ the third day, and each day twice the amount of the day before.
		c. \$6.00 each day for all ten days.
		Which way would pay you the most money?  Answer:
*	7.	How many gallon jugs would you need to hold 3 and $\frac{3}{4}$ gallons of lemonade?
		Answer:jugs
**	8.	Your Mom is a sporting person, so when it's close to your bedtime, she will have a contest with you to see if you get to stay up an extra half-hour to play a computer game. You get to draw a card from a well-shuffled deck. If you draw a face card, an ace, or any heart, she'll "have a heart" and let you stay up. If you draw any other card, you lose and go ahead to bed. Who has the best chance of winning, you or your Mom?

Answer: \_\_\_\_