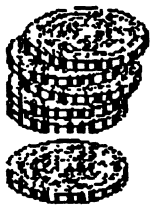
SUNSHINE MATH - 7
Neptune, II

Name: _____

(This shows my own thinking.)

★★ 1. How many different ways can \$0.50 be made with fewer than 8 coins?



Answer : _____

★★ 2. What integer between 10 and 20 is a solution to $(x - 4) + (x + 8) = 36$?

Answer : _____

★★ 3. A punch recipe calls for 2 quarts of orange juice, $1\frac{1}{2}$ quarts of apple juice, and $1\frac{1}{2}$ quarts of soda water. How many cups of punch will this recipe make?

Answer: _____

★★ 4. Find a pattern and then write the next two terms according to your pattern.

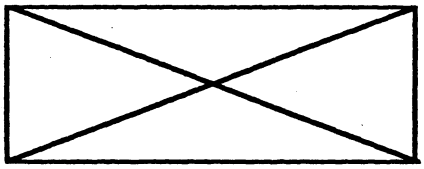
5, 6, 8, 9, 11, 12, 14, 15, 17, 18, ...

Answer: ____ and ____

★★ 5. In the pattern above, what two numbers would come before 5?

Answer: ____ and ____

★ 6. Two diagonals are drawn in the rectangle. How many acute angles are there altogether?



Answer: _____

★★ 7. Lisa, Drew, David and Kelly are 11, 12, 13 and 14 years old. David is older than Kelly and younger than Lisa. Drew is younger than David and older than Kelly. How old is each? Use the chart if it helps you.

	11	12	13	14
Lisa				
Drew				
David				
Kelly				

Answer: Lisa is ____, Drew is ____, David is ____, and Kelly is ____.

★★★★ 8. Cindy and Bill spend part of their summer vacation at the cottage at the lake. Their mom and dad are very busy in the city, but the children would like to stay at the cottage longer and longer every summer. A new pizza restaurant opened at the lake that served pizzas with different toppings. Mom said that they could stay as many days as the number of different orders of two topping pizzas. With the following toppings, how long can they stay?

Pepperoni	Sausage	Meatball	Salami	Garlic
Mushroom	Onion	Green Pepper	Tomato	Pineapple
Bacon	Avocado	Tuna Fish	Ham	

Answer: _____

★★★ 9. You won the lottery! You have so much money that you decide to give $2,000,000 away. If you give $50 away every hour, how long will it take you in years?

Answer: _____