SUNSHINE MATH - 4
Jupiter, XXIV

Name: _____

(This shows my own thinking.)

★★★ 1. The Daily News costs $0.35 at the news stand and is published Monday through Friday. You can also buy a four-week subscription for $4.75. If you bought a four-week subscription, how much would you save over buying it for four weeks at the daily rate?

Answer:_____

★★★ 2. Put > or < in the box.

$$\frac{1}{2} + \frac{3}{4} \quad \square \quad \frac{2}{3} + \frac{1}{2}$$

★★ 3. If you drink 1 can of soda each day, about how many milliliters would you drink in one year? (A can of soda is 354mL. Round your answer to the nearest ten thousand mL.)

Answer:_____ mL

★★★ 4. There are 6 rectangles formed by the lines in this figure:

How many rectangles are formed by the lines this figure?

Answer:_____rectangles

★★ 5.
4 weeks	3 days	13 hours	21 minutes
- 2 weeks	6 days	19 hours	31 minutes

★★★ 6. Which pair of numbers, whose sum is 35, have the largest product?
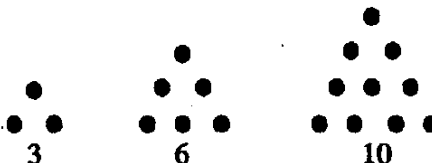
Answer:_____

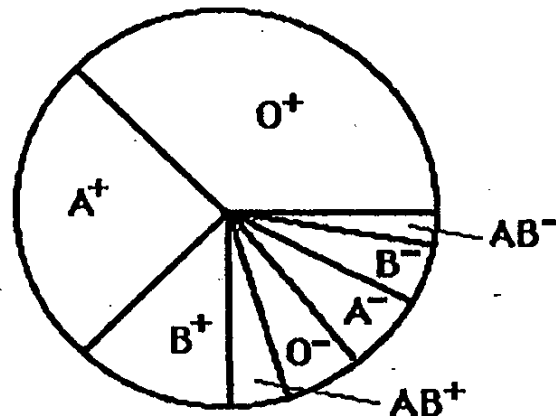★★ 7. Fill in the missing letter of the alphabet in this pattern:

M V E M J S U N _____

★★★★ 8. Here are the first three triangle numbers: 3, 6, and 10.

3   6   10

What are the next four triangle numbers?   Answers: ____, ____, ____, ____

★★★ 9. Everybody in the world has one of the eight blood types shown in the circle graph. The size of the region gives you an idea of the percent of people in the world with that type of blood. 0^+ (read "oh positive") occurs more often than any other blood type -- 36% of the people in the world have 0^+ blood. Answer the questions below.

a. About what percent have A^+ blood? _____

b. What is the most rare blood type? _____

c. If a person in your school were picked at random, would they be more likely to have AB^+ or O^- blood? _____