

Solve the following questions on another sheet of paper.

1. The number of eggs sold by Mrs. Bowles was observed in the pattern shown below. Fill in each box with the correct answer.

Day	1	2	3	4	5	6	7	8
Number of eggs sold	15	25		48	61		90	

2. Shani is four times as old as Jenny. Jenny is 3 years older than Enrique. If their total age is 57, how old will Jenny be in four years?
3. When I divide Number A by Number B, the answer is $6\frac{1}{4}$. If Number A is less than 30 and Number B is less than 10, what are numbers A and B?
4. I am a 5-digit number. My first digit is 2 more than the last digit but 2 less than my second digit. My second digit is the third multiple of 3, while my fourth digit is the second multiple of 3. My third digit is the difference between my second and fourth digits. What number am I?
5. The product of numbers X and Y is 600. The sum of the two numbers is 50. What are numbers X and Y?
6. Chet scored six times higher than Hugo on an English test. Jason's score on the same test was the sixth multiple of 10. If the three boys scored a total of 172, what was Chet's score on the test?
7. The difference of two numbers is 132. When one of the numbers is divided by the other, the quotient is 12. What are the two numbers?

8. Mieke wants to buy a bag. She saves \$2 the first week. She saves \$4 the second week. She saves \$6 the third week and so on. In order to buy the bag, she needs to save for 8 weeks at this pattern. How much does the bag cost?
9. I am a 4-digit number. All my digits are factors of 8. The product of the first and last digits is the fourth multiple of 8. The second digit is 3 less than the last digit. If the first digit is the largest number, what number am I?
10. Place the first six multiples of 6 in each box so that the sum of each row is equal to the 10th and 11th multiples of 6.

			10th multiple of 6
			11th multiple of 6

11. Mr. Garza earns twice as much as his wife. Mrs. Garza earns twice as much as her sister. If Mrs. Garza's sister earns \$1,255 a month, how much do the three of them earn in a year?
12. The clock below shows the time Sylvia wakes up in the morning. When the minute hand turns 150° , Sylvia eats her breakfast. At what time does Sylvia eat her breakfast?

