SUNSHINE MATH - 4
Jupiter, I

★★★★ 1. The students in Mr. Renick's 4th grade class started a mathematics club and a science club. They drew a Venn diagram to show which students were in each club. Use the Venn diagram below to answer the questions about the clubs.

Mathematics Club   Science Club

Becky   Silvia   Roberta

Loretta   Clarence   Anjela

Walter   Sandra   Victoria

German   Ollie

                             Gisela
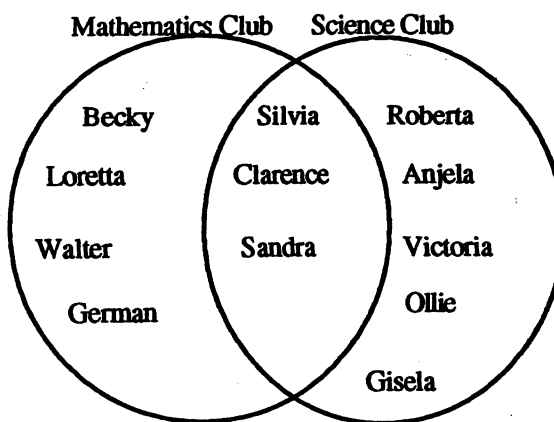
(a) How many students were in the mathematics club? _____

(b) How many students were in the science club? _____

(c) How many students were in both clubs? _____

(d) If one-half of Mr. Renick's class is in either the math club or the science club or both clubs, what is the total number of students in Mr. Renick's class? _____

★★ 2. How many right angles are in this picture of intersecting square frames, including the background?

Answer:_____ right angles

★ 3. If the 7th day of a month is on Friday, on what day is the 24th day of the same month?

Answer: _____

15

★★★★ 4. Think about the following list of number pairs. Three is the first number of a pair, and 8 is the second.

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3 → 8
4 → 11
5 → 14
6 → 17
.    .
.    .
.    .
10 → 29
.    .
.    .
.    .
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a. If 50 is the first number, what is the second number? _____

b. If 200 is the first number, what is the second number? _____

c. If 89 is the second number, what is the first number? _____

d. If a number n is the first number, what is the second number? _____

★★ 5. The sum of two whole numbers is 72. Their difference is 48. What are the two numbers?

Answer: _____ and _____

★ 6. Henry was at the store, and used his calculator to add up the price for 2 loaves of bread. He got the number shown in the display, but didn't know exactly how much money that was. How much money would those two loaves cost? Circle the correct answer below.
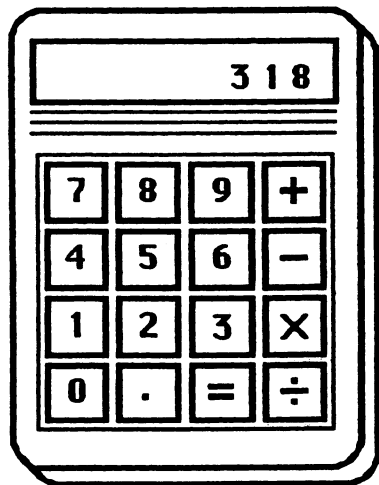
a. $318

b. 3.18¢

c. $318.00

d. $3.18

★★ 7. In your class, 9 students received an "excellent" on a recent project. Your teacher would like to buy pencils for those 9 students. The school store sells them for 10 cents each or 3 for 25 cents. What is the least amount of money your teacher will have to spend in order to buy one pencil for each of the 9 students?

Answer: _____ cents