

SUNSHINE MATH - 3
Mars, I

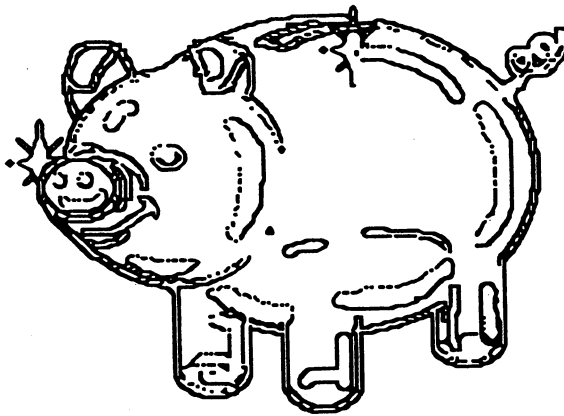
Name: _____
(This shows my own thinking.)

- ★ 1. Ann was asked to find the number of marbles that were added to the other marble groups to get the total. Can you find the number?

$$3 \text{ marbles} + \underline{\hspace{1cm}} \text{ marbles} + 2 \text{ marbles} = 13 \text{ marbles.}$$

Answer: _____ marbles

- ★★ 2. Joe has 3 quarters, 1 dime and 2 nickels in his piggy bank. How much money does he have to spend in the candy store?



Answer: _____ cents

- ★★ 3. Tom is helping his sick neighbor by taking her dog for a walk every day, bringing her the mail, and doing other odd jobs. Mrs. Burns pays him \$7.50 a week for his help. How much will he earn in 4 weeks?

Answer: _____

- ★★★ 4. Find the pattern in these numbers and then continue the pattern by writing the next three numbers.

1 6 3 8 5 10 7 _____ _____ _____

- ★★★ 5. Robin gave her friend a puzzle like the one below. Solve the number puzzle yourself!

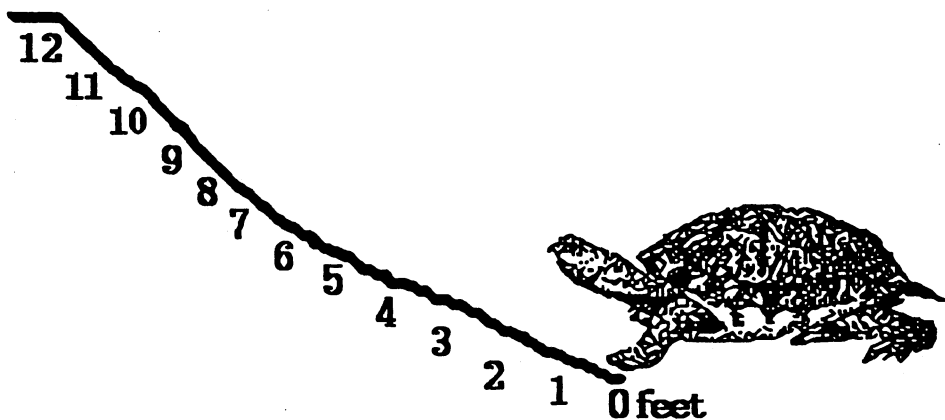
Find $*$ + 11 if you know that $8 + * = 12$.

Answer: $* + 11 = \underline{\hspace{2cm}}$

- ★ 6. There was a line waiting for movie tickets. Sue realized that there were 6 people in front of her and 6 people behind her in the line. How many people were waiting in line for movie tickets?

Answer: people

- ★★★★ 7. A turtle crawls up a 12 foot hill after a heavy rainstorm. The turtle crawls 4 feet, but when it stops to rest, it slides back $1\frac{1}{2}$ feet. How many tries does the turtle make before it makes it up the hill?



Answer: tries

- ★★ 8. Four classmates are to stand in order from tallest to shortest. Tom is taller than Sally. Sally is taller than Bob. Maria is taller than Bob but shorter than Sally. Using the clues, place the four friends in order from tallest to shortest.

Answer: Tallest Shortest

SUNSHINE MATH - 3

Mars, II

Name: _____
(This shows my own thinking.)

- ★★★★ 1. Use the rule given. Write the missing numbers.

Rule: If x is a number in column A, then $x - 7$ is beside it in column B.

A	B
14	
7	
24	
	1

- ★★ 2. One way to add numbers mentally is to add the tens together first, followed by the ones. For example, to find $43 + 25$, you might do this:

$$\begin{aligned} 40 + 20 &= 60 \\ 60 + 5 &= 65 \\ 65 + 3 &= 68 \end{aligned}$$

Practice these problems using this way to add. You will be asked to work a problem mentally when you turn in your paper.

$$47 + 22 = \quad 56 + 45 = \quad 43 + 27 = \quad 44 + 27 =$$

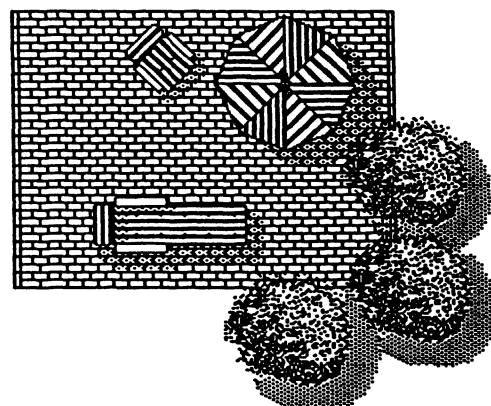
Answer for the later problem: _____

- ★★★ 3. Mrs. Buchanan's third grade class needs 150 paper napkins for a party. A small package of 50 napkins costs \$0.99. A large package of 150 napkins costs \$2.75. How much money would the class save by buying the large package of napkins?

Answer: _____

- ★★★ 4. Georgia is making a patio in the shape of a rectangle. The width of the patio is 10 feet. The perimeter is 50 feet. What is the length of the patio?

Answer: _____ feet



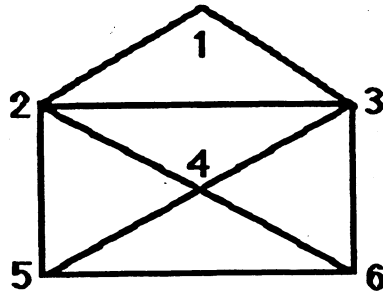
- ★ 5. At the baseball game, Brian saw a player hit a home run. About how far did the ball go? Circle the most reasonable answer.

a. 8 feet

b. 300 feet

c. 2,500 feet

- ★★★★ 6. Trace each line of this shape without lifting the pencil. You can cross a point several times, but do not retrace a whole line.

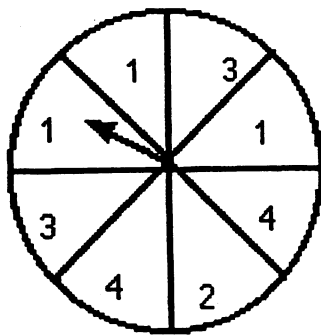


List your numbers in the order that you traced the figure: _____

- ★★ 7. Look at the spinner.

a. Which are you more likely to spin, a 2 or a 3? _____

b. Which is more likely, a 1 or a 4? _____



- ★★★ 8. On Monday 2 students went to the school store. On Tuesday, 4 students went, and on Wednesday, 8 students. If the pattern continues, how many students will go to the school store on Friday?

Answer: _____ students

SUNSHINE MATH - 3

Mars, III

Name: _____

(This shows my own thinking.)

- ★ 1. Tom had 45 marbles. He gave some to Dan. He had 19 marbles left. How many marbles did he give to Dan?

Answer: _____ marbles

- ★★ 2. Ann gets up at 6:15 AM. It takes her 30 minutes to get ready for school, 10 minutes to eat breakfast, and 5 minutes to walk to the bus stop. At what time does she reach the bus stop?

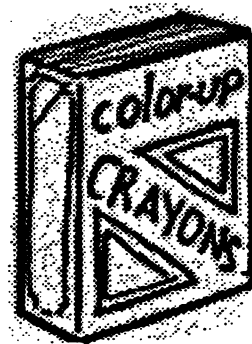


Answer: _____ AM

- ★ 3. John is emptying tennis balls into a bin for a special sale to help his father. Each can holds 3 tennis balls. How many balls will be in the bin if he empties 7 cans?

Answer: _____ balls

- ★★ 4. Drew has \$2.00 to spend. He wants to buy a box of crayons and a bottle of paste. Use the posted prices below. Does Drew have enough money?
Answer *yes* or *no*



\$1.25



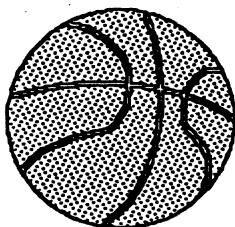
\$ 0.79

Answer: _____

- ★★ 5. David had 1 bug in his insect collection on Monday, 3 bugs on Tuesday, 6 bugs on Wednesday, and 10 bugs on Thursday. If this pattern continues, how many bugs will he have in his collection on Saturday?

Answer: _____ bugs

- ★★★★ 6. Five basketball teams are playing in a tournament. The teams will play each other only one time. How many games will be played by the end of the tournament? (Hint: Draw a picture or make a list of the teams playing.)



Answer: _____ games

- ★★★ 7. What is the least number of coins that can be used to give a customer 42¢ in change? What are the coins?

Answer: _____ coins

List the coins: _____

- ★★★ 8. Find the missing digits in the following problems. Place your answers in the boxes.

$$\begin{array}{r} \text{A} \\ 2 \square \\ + \square 6 \\ \hline 69 \end{array}$$

$$\begin{array}{r} \text{B} \\ 54 \\ + 2\square \\ \hline \square 1 \end{array}$$

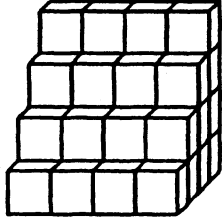
$$\begin{array}{r} \text{C} \\ 65 \\ + \square 3 \\ \hline 13\square \end{array}$$

SUNSHINE MATH - 3

Mars, IV

Name: _____
(This shows my own thinking.)

- ★★ 1. How many small blocks does it take to build the set of steps below?



Answer: _____ blocks

- ★★★ 2. Write the correct number or symbol in each box.

$$1 = 9 - \square$$

$$11 = 3 \square 8$$

$$4 = 4 \square 0$$

- ★★ 3. The students in Mrs. Jower's third grade class are taking turns going to the library. Five students went to the library first. When they returned, 10 students went. The third time, 15 students went to the library. If the pattern continues, how many students will go to the library on the fifth trip?

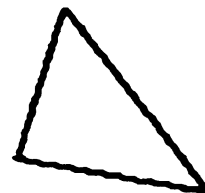
Answer: _____ students

- ★★★ 4. Samantha earns \$2.50 each week for helping her father mow the grass. If she saves all of her money, how much will she have in 6 weeks?

Answer: _____

- ★★★ 5. I am a triangle. My *perimeter* is 96 centimeters. Two sides are 34 centimeters and 25 centimeters long. How long is my third side?

Answer: _____ cm



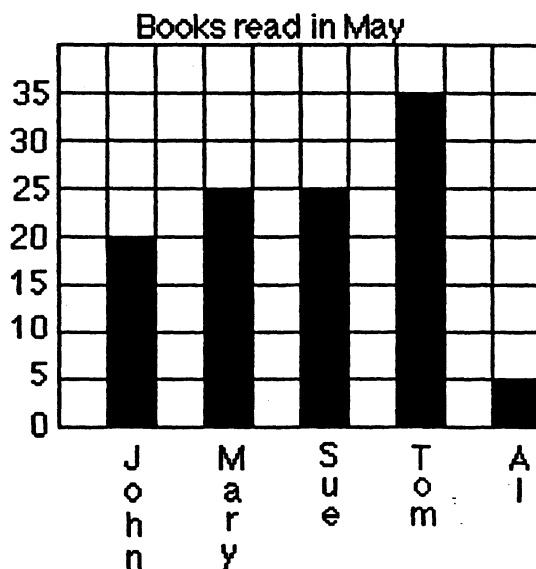
- ★★ 6. Julio's dad didn't have enough candles for his cake, so he let the dark candles stand for 2 years and the white candles for 1 year. How old was Julio?

Answer: _____ years old



- ★★★★ 7. Look at the graph and answer the following questions:

- Which children read at least 20 books? Answer: _____
- How many more books did John read than Al? Answer: _____
- Who read the same number of books? Answer: _____ and _____
- If Al read a total of 12 books for May and June, how many books did he read in June? _____



- ★★ 8. Bill, Mark, Maria, Sue, and Julie played a game. Each boy took an *even*-numbered space on the spinner. Each girl took an *odd*-numbered space. Who was more likely to win, a girl or a boy?

Answer: _____ (boy or girl)

