



Name \_\_\_\_\_ Date \_\_\_\_\_

## Chapter 1 Review

### Password Search

The Middle School Math Club has just started their web site. For fun, they put a password on their site. You can find the password using the clues.

**Clue 1:** Write the second step in the four-step problem solving plan here. Write the first letter of this word in blank 1 in the box at the bottom of the page.

**Clue 2:** The sixth number of the following pattern.  
71, 62, 53, \_\_, \_\_, ?

Find the value of each expression. Use the chart to translate each solution to a letter. Write the letter in the blank that matches the number of the clue.

**Clue 3:**  $15 + 8 \div 2 \times 3 - 3$

**Clue 4:**  $a^3 - 5b$  if  $a = 3$  and  $b = 5$

**Clue 5:** Use mental math to solve  $42 \div w = 7$ .

Number	Letter	Number	Letter
1	X	14	U
2	E	15	L
3	C	16	I
4	A	17	D
5	Z	18	G
6	R	19	K
7	Y	20	N
8	S	21	Q
9	M	22	V
10	T	23	P
11	B	24	W
12	F	25	H
13	J	26	0

What is the password?

**Password**

When you enter the Middle School Math Club web site, you will gain math . . .

1    2    3    4    5

Answers are located on p. 108.