<u>, 9</u>			;	$\sim$		
	Writi	ng Ru	les	and the second s		
<ol> <li>A. Maya has a large 1: She wants to know milliliters it can hold by making a function</li> </ol>	Maya has a large 15-liter bu	ucket.	Input	Output		
	milliliters it can hold. Help Maya by making a function table like	any Maya Vol like L	ume in .iters	Volume in Milliliters		
	this one. Fill in the blank sp	aces.	1	1000	1	
			2	2000	1	
			5	5000	1	
				10,000	1	
			15		1	
В 2. А	Write a rule to find the volur liters. Irma has a pitcher labeled	ne in milliliters Input	wnen you l	cnow the volume i Output	n	
	3500 milliliters. She wants to know how many	Volume in Mi	lliliters	Volume in Liters		
any	liters the pitcher can	1000		1		
g Comi	making a function table	1500		1.5		
blishin	blank spaces.	2000		2		
unt Pul		2500		2.5		
ndall H	3500 ml D	3000			1	
nt © Ke	3500 mi 5	4000				
opyrigt		4500				
õ B	<ul> <li>B. Write a rule to find the volume in liters when you know the volume milliliters.</li> </ul>					
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\*Answers and/or discussion are included in the lesson.

## Writing Rules

2.

## Questions 1-4 (SG pp. 569-570)

- **I.** A.\* 10 liters = 10,000 milliliters; 15 liters = 15,000 milliliters
  - **B.\*** The volume in milliliters equals volume in liters times 1000.

<b>A.</b> *	Input	Output		
	Volume in Milliliters	Volume in Liters		
	1000	1		
	1500	1.5		
	2000	2		
	2500	2.5		
	3000	3		
	3500	3.5		
	4000	4		
	4500	4.5		

- **B.\*** The volume in liters equals volume in milliliters divided by 1000.
- **3. A.\*** I agree with Grace, because when I tested each rule, hers worked. Michael's will not work because I am going from a smaller unit to a larger unit. The number of the larger units should be less than the number of smaller units. If I multiplied the number of cups by 4, the number of quarts would get larger rather than smaller.
  - **B.\*** 7 quarts. 28 cups divided by 4 equals 7 quarts.
- **4. A.\*** Roberto.  $25 + 5 \times N = T$ . Keenya's rule does not include the starting water and does not work for all the data in the table; Irma seems to have found the marble size to be 5 cc and that 5 times the number of marbles equals the volume of the marbles, but she forgot the starting water, 25 cc.
  - **B.** 75 cc

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