

Name: _____

Converting Liters and Milliliters

Complete the tables below and answer the questions that follow.

liters	1		9	
milliliters		5,000		30,000

milliliters	4,000			550,000
liters		6	23	

rule: multiply by 1,000

rule: divide by 1,000

- a. How many liters are in 5,000 milliliters? _____
- b. How many milliliters are in 23 liters? _____
- c. How many milliliters are in 9 liters? _____
- d. How many liters are in 550,000 milliliters? _____
- e. How many liters are in 20,000 milliliters? _____
- f. How many milliliters are in 100 liters? _____
- g. How many milliliters are in 11 liters? _____
- h. How many liters are in 890,000 milliliters? _____
- i. Brenda has a 1 liter bottle of shampoo that is only half-full. About how many milliliters of shampoo does she have in the bottle? _____
- j. Mr. Perkins changed the oil in his car. He bought 6 liters of oil. He put 4,500 mL in his car. How many milliliters of oil did he have left? _____

ANSWER KEY

Converting Liters and Milliliters

Complete the tables below and answer the questions that follow.

liters	1	<u>5</u>	9	<u>30</u>
milliliters	<u>1,000</u>	5,000	<u>9,000</u>	30,000

rule: multiply by 1,000

milliliters	4,000	<u>6,000</u>	<u>23,000</u>	550,000
liters	<u>4</u>	6	23	<u>550</u>

rule: divide by 1,000

- a. How many liters are in 5,000 milliliters? 5
- b. How many milliliters are in 23 liters? 23,000
- c. How many milliliters are in 9 liters? 9,000
- d. How many liters are in 550,000 milliliters? 550
- e. How many liters are in 20,000 milliliters? 20
- f. How many milliliters are in 100 liters? 100,000
- g. How many milliliters are in 11 liters? 11,000
- h. How many liters are in 890,000 milliliters? 890
- i. Brenda has a 1 liter bottle of shampoo that is only half-full. About how many mL of shampoo does she have in the bottle? 500 mL
- j. Mr. Perkins changed the oil in his car. He bought 6 liters of oil. He put 4,500 mL in his car. How many milliliters of oil did he have left? 1,500 mL