

## Measurement: Skill 5 - 17B

**Metric Capacity and Mass**

Test question 17B. 2.5 kL = \_\_\_\_\_ L

Answer:	number of kiloliters	X	number of liters in 1 kiloliter	=	total liters
	↓ 2.5	X	↓ 1,000	=	↓ 2,500

**Metric Units of Capacity**

1 liter (L) = 1,000 milliliters (mL)

1 metric cup = 250 milliliters

4 metric cups = 1 liter

1 kiloliter (kL) = 1,000 liters

**Metric Units of Mass**

1 gram (g) = 1,000 milligrams (mg)

1 kilogram (kg) = 1,000 grams

**Directions:** Complete.

1. 2,000 L = \_\_\_\_\_ kL

2. 500 mL = \_\_\_\_\_ metric cups

3. 12 metric cups = \_\_\_\_\_ L

4. 3 kg = \_\_\_\_\_ g

5. 5 L = \_\_\_\_\_ mL

6. 10 L = \_\_\_\_\_ metric cups

7. 3,000 mg = \_\_\_\_\_ g

8. 5,000 g = \_\_\_\_\_ kg

9. 2.5 kg = \_\_\_\_\_ g

10. 6,000 L = \_\_\_\_\_ kL

11. 5.5 kg = \_\_\_\_\_ g

12. 3,500 g = \_\_\_\_\_ kg

13. 3 metric cups = \_\_\_\_\_ mL

14. 5,000 mL = \_\_\_\_\_ L

15. 15 g = \_\_\_\_\_ mg

Answers: Skill 17B, Grade 5

1. 2 kL

2. 2 metric  
cups

3. 3 L

4. 3,000 g

5. 5,000 mL

6. 40 metric  
cups

7. 3 g

8. 5 kg

9. 2,500 g

10. 6 kL

11. 5,500 g

12. 3.5 kg

13. 750 mL

14. 5 L

15. 15,000  
mg