

# Metric Measurement and Unit Conversions

BibleMouse.com

5th Grade Math Practice

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Solve each problem. Show your work when needed.

1.  $5.2 \text{ m} + 3.8 \text{ m} = \underline{\hspace{2cm}}$

2. A bottle holds 2.5 liters of water. If you fill it with 1.5 liters, how much more water can it hold?

\_\_\_\_\_

3.  $3000 \text{ mg} - 1200 \text{ mg} = \underline{\hspace{2cm}}$

4. Circle the greater number: 0.75 L or 0.5 L

5. What number comes next? 10 km, 20 km, \_\_\_\_\_

6. 1 meter = 100 centimeters

True  False

7. If a car travels 150 kilometers and then 50 kilometers, what is the total distance traveled?

\_\_\_\_\_

8.  $4.5 \text{ m} \times 100 = \underline{\hspace{2cm}}$

9. A recipe requires 2.5 kg of flour. If you already have 1.2 kg, how much more do you need?

\_\_\_\_\_

10.  $1000 \text{ mL} = \underline{\hspace{2cm}} \text{ L}$

11. If a scientist measures 3.2 g of a sample and then adds 1.8 g, what is the new total mass?

\_\_\_\_\_

12. Circle the greater number: 500 g or 0.5 kg

13. What number comes next? 1 L, 2 L, \_\_\_\_\_

14. 10 km = 1000 m

True  False

15. A gallon is equivalent to approximately 3.785 liters. If you have 15 liters, how many gallons is that?

\_\_\_\_\_

Answer Key

1. 9.0 2. 1.0 3. 1800 4. 0.75 L 5. 30 km 6. True 7. 200 8. 450 9. 1.3 10. 1 11. 5.0 12. 0.5 kg 13. 3 L 14. False 15. 3.96

