

**Final Review (Answers)****Define the following.**

1. a unit-

See glossary. Answers may vary.

2. length-

3. weight-

4. capacity-

5. volume-

**Solve.**

6. 4 yards = 12 feet

7. 32 oz = 2 lbs

8. 3 gal. = 12 quarts

9. 48 inches = 4 feet

10. 6 meters = 600 cm

11. 7000 g = 7 kg

12. 3000 ml = 3 L

13. 3 cm = 30 mm

14. 300 cm = 3 m

**Chapter 3 (Answers)****Write the abbreviation for each.**

1. weeks                      wk or wks
2. years                        yr or yrs
3. minute                     min
4. hour                         hr
5. second                     sec or s

**Fill in the blanks.**

6. 1 hour = 60 min
7. 1 year = 52 weeks
8. 60 seconds = 1 minute
9. 1 day = 24 hours
10. 1 year = 365 days

**Chapter 4 (Answers)****Fill in the blanks.**

1. °F means degrees Fahrenheit
2. °C means degrees Celsius
3. Water boils at 100 °C
4. Water freezes at 0 °C.
5. Water boils at 212 °F
6. Water freezes at 32 °F.

**Chapter 8 (Answers)****Write the abbreviation for each.**

1. gallons gal or gals
2. miles mi
3. inches in
4. cups c
5. pounds lb or lbs
6. yards yd or yds
7. pints pt
8. ounces oz
9. feet ft
10. tons ton
11. quarts qt

**Fill in the blank.**

12. 1 pound = \_\_\_\_\_ ounces 16
13. \_\_\_\_\_ inches = 1 foot 12
14. 1 quart = \_\_\_\_\_ pints 2
15. 1 mile = \_\_\_\_\_ feet 5280
16. \_\_\_\_\_ lbs = 1 ton 2000
17. \_\_\_\_\_ cups = 1 pint 2
18. 1 gallon = \_\_\_\_\_ quarts 4
19. 1 yard = \_\_\_\_\_ feet 3
20. 1 yard = \_\_\_\_\_ inches 36

**Chapter 9 (Answers)****Convert the following using multiplication or division.**

1. 48 inches = \_\_\_\_\_ feet 4
2. 2 gallons = \_\_\_\_\_ quarts 8
3. 3 pounds = \_\_\_\_\_ ounces 48
4. 6 cups = \_\_\_\_\_ pints 3
5. 5 tons = \_\_\_\_\_ pounds 10,000
6. 21 feet = \_\_\_\_\_ yards 7
7. 2 miles = \_\_\_\_\_ feet 10,560
8. 8 pints = \_\_\_\_\_ quarts 4
9. 48 ounces = \_\_\_\_\_ pounds 3
10. 6000 pounds = \_\_\_\_\_ tons 3
11. 12 quarts = \_\_\_\_\_ gallons 3
12. 18 yards = \_\_\_\_\_ feet 54
13. 36 inches = \_\_\_\_\_ yards 1
14. 5 pounds = \_\_\_\_\_ ounces 80
15. 10 pints = \_\_\_\_\_ cups 20
16. 2 yards = \_\_\_\_\_ inches 72
17. 4 quarts = \_\_\_\_\_ pints 8
18. 60 inches = \_\_\_\_\_ feet 5
19. 3 minutes = \_\_\_\_\_ seconds 180

**Chapter 13 (Answers)****Write the abbreviation for each.**

1. kilogram            kg
2. milliliter           mL or ml
3. gram                g
4. meter                m
5. centimeter        cm
6. kiloliter            kL
7. millimeter        mm
8. milligram          mg
9. liter                 L
10. kilometer        km

**Fill in the blanks.**

11. What does milli mean? One thousandth
12. What does kilo mean? One thousand
13. 1 gram = \_\_\_\_\_ milligrams            1000
14. \_\_\_\_\_ liters = 1 kiloliter            1000
15. 1 kilometer = \_\_\_\_\_ meters            1000
16. \_\_\_\_\_ grams = 1 kilogram            1000
17. 1 meter = \_\_\_\_\_ centimeters            100
18. 1 centimeter = \_\_\_\_\_ millimeters            10
19. 1 meter = \_\_\_\_\_ millimeters            1000
20. \_\_\_\_\_ milliliters = 1 liter            1000

**Chapter 14 (Answers)****Convert the following using multiplication or division.**

1. 6 centimeters = \_\_\_\_\_ millimeters 60
2. 500 centimeters = \_\_\_\_\_ meters 5
3. 2000 grams = \_\_\_\_\_ kilograms 2
4. 7 liters = \_\_\_\_\_ milliliters 7,000
5. 2 kilometers = \_\_\_\_\_ meters 2,000
6. 40 millimeters = \_\_\_\_\_ centimeters 4
7. 4 kiloliters = \_\_\_\_\_ liters 4,000
8. 7000 liters = \_\_\_\_\_ kiloliters 7
9. 2000 meters = \_\_\_\_\_ kilometers 2
10. 4 centimeters = \_\_\_\_\_ millimeters 40
11. 5 kilograms = \_\_\_\_\_ grams 5,000
12. 4000 meters = \_\_\_\_\_ kilometers 4
13. 5000 grams = \_\_\_\_\_ kilograms 5
14. 6000 liters = \_\_\_\_\_ kiloliters 6
15. 2 liters = \_\_\_\_\_ milliliters 2,000
16. 2 meters = \_\_\_\_\_ centimeters 200
17. 12 grams = \_\_\_\_\_ milligrams 12,000
18. 400 centimeters = \_\_\_\_\_ meters 4
19. 48 hours = \_\_\_\_\_ days 2

**Chapter 15 (Answers)****What do the abbreviations mean?**

1. t           teaspoon
2. T           tablespoon
3. tsp         teaspoon
4. tbsp.      tablespoon
5. c           cup
6. fl oz       fluidounce

**Fill in the blanks.**

7. \_\_\_\_\_teaspoons = 1 tablespoon       3
8. 1 fluidounce = \_\_\_\_\_tablespoons    2
9. 1 cup = \_\_\_\_\_fluidounces           8
10. \_\_\_\_\_tablespoons = 1 cup         16

**Chapter 16 (Answers)****US Measurement**

1. 4 feet = \_\_\_\_\_ inches           48
2. 21 feet = \_\_\_\_\_yards           7
3. 2 gallons = \_\_\_\_\_quarts       8
4. 64 ounces = \_\_\_\_\_pounds       4
5. 8 cups = \_\_\_\_\_pints           4

**Metric**

6. 300 centimeters = \_\_\_\_\_meters    3
7. 5 liters = \_\_\_\_\_meters           5,000
8. 2 kilograms = \_\_\_\_\_grams       2,000
9. 30 millimeters = \_\_\_\_\_centimeters   3
10. 6000 meters = \_\_\_\_\_kilometers   6