

Name: _____

Date: _____

Converting Units of Measurement

Grade 4 | Converting larger units to smaller units of length, weight, time, and volume | Version 4 of 10

Use the chart to convert each measurement to the smaller unit.

1 foot = 12 inches | 1 yard = 3 feet | 1 yard = 36 inches | 1 pound = 16 ounces | 1 gallon = 4 quarts
1 quart = 2 pints | 1 day = 24 hours | 1 hour = 60 minutes | 1 minute = 60 seconds
1 kilometer = 1,000 meters | 1 meter = 100 centimeters | 1 centimeter = 10 millimeters
1 kilogram = 1,000 grams | 1 liter = 1,000 milliliters

Part A: Convert to the smaller unit.

1. 10 minutes = _____ seconds
2. 8 liters = _____ milliliters
3. 12 kilometers = _____ meters
4. 6 kilograms = _____ grams
5. 6 kilometers = _____ meters
6. 8 meters = _____ centimeters
7. 6 centimeters = _____ millimeters
8. 4 hours = _____ minutes
9. 8 kilometers = _____ meters
10. 7 meters = _____ centimeters

Part B: Convert each mixed measurement to the smaller unit.

11. 6 hours 53 minutes = _____ minutes
12. 3 feet 8 inches = _____ inches
13. 5 gallons 1 quart = _____ quarts
14. 5 pounds 7 ounces = _____ ounces
15. 7 pounds 8 ounces = _____ ounces
16. 7 gallons 2 quarts = _____ quarts

Converting Units of Measurement - ANSWER KEY

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Use the chart to convert each measurement to the smaller unit.

1 foot = 12 inches | 1 yard = 3 feet | 1 yard = 36 inches | 1 pound = 16 ounces | 1 gallon = 4 quarts
1 quart = 2 pints | 1 day = 24 hours | 1 hour = 60 minutes | 1 minute = 60 seconds
1 kilometer = 1,000 meters | 1 meter = 100 centimeters | 1 centimeter = 10 millimeters
1 kilogram = 1,000 grams | 1 liter = 1,000 milliliters

Part A: Convert to the smaller unit.

1. 10 minutes = 600 seconds
2. 8 liters = 8,000 milliliters
3. 12 kilometers = 12,000 meters
4. 6 kilograms = 6,000 grams
5. 6 kilometers = 6,000 meters
6. 8 meters = 800 centimeters
7. 6 centimeters = 60 millimeters
8. 4 hours = 240 minutes
9. 8 kilometers = 8,000 meters
10. 7 meters = 700 centimeters

Part B: Convert each mixed measurement to the smaller unit.

11. 6 hours 53 minutes = 413 minutes
12. 3 feet 8 inches = 44 inches
13. 5 gallons 1 quart = 21 quarts
14. 5 pounds 7 ounces = 87 ounces
15. 7 pounds 8 ounces = 120 ounces
16. 7 gallons 2 quarts = 30 quarts