

Name: _____

Date: _____

Converting Units of Measurement

Grade 4 | Converting larger units to smaller units of length, weight, time, and volume | Version 8 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. 6 hours = _____ minutes
2. 9 gallons = _____ quarts
3. 11 kilograms = _____ grams
4. 12 meters = _____ centimeters
5. 5 gallons = _____ quarts
6. 6 minutes = _____ seconds
7. 12 gallons = _____ quarts
8. 2 feet = _____ inches
9. 9 minutes = _____ seconds
10. 10 liters = _____ milliliters

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

11. 7 feet 9 inches = _____ inches
12. 5 meters 4 centimeters = _____ centimeters
13. 8 hours 36 minutes = _____ minutes
14. 1 gallon 1 quart = _____ quarts
15. 4 meters 81 centimeters = _____ centimeters
16. 3 yards 1 foot = _____ feet

Converting Units of Measurement - ANSWER KEY

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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. 6 hours = 360 minutes
2. 9 gallons = 36 quarts
3. 11 kilograms = 11,000 grams
4. 12 meters = 1,200 centimeters
5. 5 gallons = 20 quarts
6. 6 minutes = 360 seconds
7. 12 gallons = 48 quarts
8. 2 feet = 24 inches
9. 9 minutes = 540 seconds
10. 10 liters = 10,000 milliliters

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

11. 7 feet 9 inches = 93 inches
12. 5 meters 4 centimeters = 504 centimeters
13. 8 hours 36 minutes = 516 minutes
14. 1 gallon 1 quart = 5 quarts
15. 4 meters 81 centimeters = 481 centimeters
16. 3 yards 1 foot = 10 feet