

Name: _____

Date: _____

Converting Units of Measurement

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

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

11. 9 meters 59 centimeters = _____ centimeters
12. 6 feet 6 inches = _____ inches
13. 9 hours 20 minutes = _____ minutes
14. 6 hours 57 minutes = _____ minutes
15. 1 hour 1 minute = _____ minutes
16. 2 meters 1 centimeter = _____ centimeters

Converting Units of Measurement - ANSWER KEY

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1 kilogram = 1,000 grams | 1 liter = 1,000 milliliters

Part A: Convert to the smaller unit.

1. 4 kilograms = 4,000 grams
2. 5 kilograms = 5,000 grams
3. 2 yards = 6 feet
4. 10 quarts = 20 pints
5. 11 quarts = 22 pints
6. 5 quarts = 10 pints
7. 7 hours = 420 minutes
8. 7 feet = 84 inches
9. 3 liters = 3,000 milliliters
10. 6 quarts = 12 pints

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

11. 9 meters 59 centimeters = 959 centimeters
12. 6 feet 6 inches = 78 inches
13. 9 hours 20 minutes = 560 minutes
14. 6 hours 57 minutes = 417 minutes
15. 1 hour 1 minute = 61 minutes
16. 2 meters 1 centimeter = 201 centimeters