

Name: _____

Date: _____

Converting Units of Measurement

Grade 4 | Converting larger units to smaller units of length, weight, time, and volume | Version 6 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. 7 kilograms = _____ grams
2. 7 kilometers = _____ meters
3. 3 yards = _____ inches
4. 2 pounds = _____ ounces
5. 9 kilograms = _____ grams
6. 8 kilograms = _____ grams
7. 8 quarts = _____ pints
8. 11 yards = _____ feet
9. 12 quarts = _____ pints
10. 3 feet = _____ inches

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

11. 4 hours 32 minutes = _____ minutes
12. 9 pounds 14 ounces = _____ ounces
13. 1 gallon 3 quarts = _____ quarts
14. 1 pound 8 ounces = _____ ounces
15. 6 hours 45 minutes = _____ minutes
16. 3 gallons 3 quarts = _____ quarts

Converting Units of Measurement - ANSWER KEY

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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. 7 kilograms = 7,000 grams
2. 7 kilometers = 7,000 meters
3. 3 yards = 108 inches
4. 2 pounds = 32 ounces
5. 9 kilograms = 9,000 grams
6. 8 kilograms = 8,000 grams
7. 8 quarts = 16 pints
8. 11 yards = 33 feet
9. 12 quarts = 24 pints
10. 3 feet = 36 inches

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

11. 4 hours 32 minutes = 272 minutes
12. 9 pounds 14 ounces = 158 ounces
13. 1 gallon 3 quarts = 7 quarts
14. 1 pound 8 ounces = 24 ounces
15. 6 hours 45 minutes = 405 minutes
16. 3 gallons 3 quarts = 15 quarts