

Name: _____

Date: _____

Converting Units of Measurement

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

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

11. 8 pounds 10 ounces = _____ ounces
12. 1 hour 2 minutes = _____ minutes
13. 9 meters 31 centimeters = _____ centimeters
14. 3 pounds 12 ounces = _____ ounces
15. 2 yards 2 feet = _____ feet
16. 6 meters 91 centimeters = _____ centimeters

Converting Units of Measurement - ANSWER KEY

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Part A: Convert to the smaller unit.

1. 3 centimeters = 30 millimeters
2. 8 minutes = 480 seconds
3. 2 days = 48 hours
4. 7 pounds = 112 ounces
5. 11 centimeters = 110 millimeters
6. 12 kilograms = 12,000 grams
7. 4 kilometers = 4,000 meters
8. 11 kilometers = 11,000 meters
9. 8 yards = 24 feet
10. 8 centimeters = 80 millimeters

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

11. 8 pounds 10 ounces = 138 ounces
12. 1 hour 2 minutes = 62 minutes
13. 9 meters 31 centimeters = 931 centimeters
14. 3 pounds 12 ounces = 60 ounces
15. 2 yards 2 feet = 8 feet
16. 6 meters 91 centimeters = 691 centimeters