

Name: _____

Date: _____

Converting Units of Measurement

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

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

11. 3 hours 41 minutes = _____ minutes
12. 4 yards 2 feet = _____ feet
13. 1 meter 71 centimeters = _____ centimeters
14. 3 hours 59 minutes = _____ minutes
15. 4 pounds 1 ounce = _____ ounces
16. 4 hours 51 minutes = _____ minutes

Converting Units of Measurement - ANSWER KEY

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Part A: Convert to the smaller unit.

1. 4 meters = 400 centimeters
2. 6 days = 144 hours
3. 10 yards = 360 inches
4. 5 pounds = 80 ounces
5. 7 gallons = 28 quarts
6. 2 hours = 120 minutes
7. 12 pounds = 192 ounces
8. 2 liters = 2,000 milliliters
9. 7 days = 168 hours
10. 10 meters = 1,000 centimeters

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

11. 3 hours 41 minutes = 221 minutes
12. 4 yards 2 feet = 14 feet
13. 1 meter 71 centimeters = 171 centimeters
14. 3 hours 59 minutes = 239 minutes
15. 4 pounds 1 ounce = 65 ounces
16. 4 hours 51 minutes = 291 minutes