

Name: _____

Date: _____

Converting Units of Measurement

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

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

11. 6 hours 34 minutes = _____ minutes
12. 8 yards 2 feet = _____ feet
13. 5 pounds 4 ounces = _____ ounces
14. 8 hours 41 minutes = _____ minutes
15. 4 meters 60 centimeters = _____ centimeters
16. 1 foot 11 inches = _____ inches

Converting Units of Measurement - ANSWER KEY

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Part A: Convert to the smaller unit.

1. 5 yards = 15 feet
2. 12 minutes = 720 seconds
3. 5 centimeters = 50 millimeters
4. 2 kilograms = 2,000 grams
5. 12 liters = 12,000 milliliters
6. 6 yards = 216 inches
7. 6 gallons = 24 quarts
8. 2 centimeters = 20 millimeters
9. 12 hours = 720 minutes
10. 5 hours = 300 minutes

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

11. 6 hours 34 minutes = 394 minutes
12. 8 yards 2 feet = 26 feet
13. 5 pounds 4 ounces = 84 ounces
14. 8 hours 41 minutes = 521 minutes
15. 4 meters 60 centimeters = 460 centimeters
16. 1 foot 11 inches = 23 inches