

Name: _____

Date: _____

Converting Units of Measurement

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

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

11. 6 hours 25 minutes = _____ minutes
12. 1 meter 96 centimeters = _____ centimeters
13. 7 feet 7 inches = _____ inches
14. 7 yards 2 feet = _____ feet
15. 3 meters 56 centimeters = _____ centimeters
16. 8 pounds 5 ounces = _____ ounces

Converting Units of Measurement - ANSWER KEY

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Part A: Convert to the smaller unit.

1. 7 minutes = 420 seconds
2. 10 days = 240 hours
3. 2 quarts = 4 pints
4. 5 days = 120 hours
5. 7 yards = 21 feet
6. 3 kilometers = 3,000 meters
7. 8 yards = 288 inches
8. 10 centimeters = 100 millimeters
9. 3 meters = 300 centimeters
10. 4 minutes = 240 seconds

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

11. 6 hours 25 minutes = 385 minutes
12. 1 meter 96 centimeters = 196 centimeters
13. 7 feet 7 inches = 91 inches
14. 7 yards 2 feet = 23 feet
15. 3 meters 56 centimeters = 356 centimeters
16. 8 pounds 5 ounces = 133 ounces