

Name: _____

Date: _____

Converting Units of Measurement

Grade 4 | Converting larger units to smaller units of length, weight, time, and volume | Version 1 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. 9 feet = _____ inches | 2. 4 centimeters = _____ millimeters |
| 3. 3 gallons = _____ quarts | 4. 5 liters = _____ milliliters |
| 5. 11 yards = _____ inches | 6. 9 meters = _____ centimeters |
| 7. 10 pounds = _____ ounces | 8. 5 feet = _____ inches |
| 9. 6 liters = _____ milliliters | 10. 2 meters = _____ centimeters |

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

11. 6 hours 10 minutes = _____ minutes
12. 4 feet 9 inches = _____ inches
13. 2 meters 19 centimeters = _____ centimeters
14. 5 yards 2 feet = _____ feet
15. 7 feet 10 inches = _____ inches
16. 2 meters 89 centimeters = _____ centimeters

Converting Units of Measurement - ANSWER KEY

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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.

- 9 feet = 108 inches
- 4 centimeters = 40 millimeters
- 3 gallons = 12 quarts
- 5 liters = 5,000 milliliters
- 11 yards = 396 inches
- 9 meters = 900 centimeters
- 10 pounds = 160 ounces
- 5 feet = 60 inches
- 6 liters = 6,000 milliliters
- 2 meters = 200 centimeters

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

- 6 hours 10 minutes = 370 minutes
- 4 feet 9 inches = 57 inches
- 2 meters 19 centimeters = 219 centimeters
- 5 yards 2 feet = 17 feet
- 7 feet 10 inches = 94 inches
- 2 meters 89 centimeters = 289 centimeters