

Name: _____

Date: _____

Converting Units of Measurement

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

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

11. 6 gallons 2 quarts = _____ quarts
12. 3 feet 5 inches = _____ inches
13. 6 feet 9 inches = _____ inches
14. 6 yards 1 foot = _____ feet
15. 5 gallons 3 quarts = _____ quarts
16. 9 yards 1 foot = _____ feet

Converting Units of Measurement - ANSWER KEY

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Part A: Convert to the smaller unit.

1. 11 feet = 132 inches
2. 4 yards = 12 feet
3. 12 days = 288 hours
4. 4 days = 96 hours
5. 7 centimeters = 70 millimeters
6. 8 gallons = 32 quarts
7. 9 yards = 324 inches
8. 12 feet = 144 inches
9. 5 kilometers = 5,000 meters
10. 11 minutes = 660 seconds

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

11. 6 gallons 2 quarts = 26 quarts
12. 3 feet 5 inches = 41 inches
13. 6 feet 9 inches = 81 inches
14. 6 yards 1 foot = 19 feet
15. 5 gallons 3 quarts = 23 quarts
16. 9 yards 1 foot = 28 feet