

Grade 5 - Converting Measurement Units - Test

Common Core 5.MD.A.1 · maths-pdf.fr/en/

Name: _____ Class: _____ Date: ____/____/____

This 45-minute test checks conversions of customary and metric units (5.MD.A.1) and multistep word problems. There are 9 questions worth 20 points. Show every conversion, and write the unit with each answer.

About this test

- Grade: Grade 5
- Chapter: Converting Measurement Units
- Standards: 5.MD.A.1
- Time: 45 minutes
- Total: 20 points

Question 1 - Customary conversions [2 pts]

Answer each part.

- a. 6 yd = ? ft (1 point)
- b. 64 oz = ? lb (1 point)

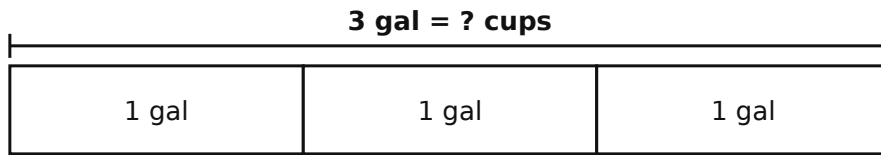
Question 2 - Metric conversions [2 pts]

Answer each part.

- a. 5 L = ? mL (1 point)
- b. 3,200 g = ? kg (1 point)

Question 3 - Cups in a tank [2 pts]

Solve. A water cooler holds 3 gallons, as shown. How many cups of water does it hold?



A cooler of 3 gallons.

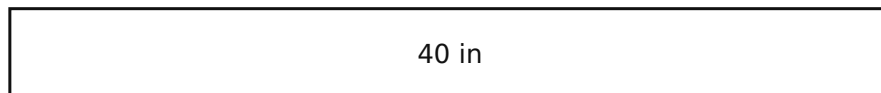
Question 4 - Compare measurements [2 pts]

Write >, < or = in each blank.

- a. 5 ft ____ 58 in (1 point)
b. 2 kg ____ 2,500 g (1 point)

Question 5 - Ribbon length [2 pts]

Solve. A ribbon is 40 inches long. Write its length in feet and inches.



A ribbon.

Question 6 - Bananas at the market [2 pts]

Solve. Mei buys 2.5 kilograms of bananas. She uses 750 grams for muffins. How many grams are left?

Question 7 - Bike ride [2 pts]

Solve. Priya rides her bike 3 miles in the morning and 7,920 feet in the afternoon. How many miles does she ride in all?

Question 8 - Milk for pancakes [3 pts]

Solve. A pancake recipe needs 3 cups of milk per batch. Sofia makes 4 batches.

- a. How many cups of milk does she need? (1 point)
- b. How many pints is that? (1 point)
- c. She buys 1-quart cartons. What is the least number of cartons she needs? (1 point)

Question 9 - Pet food [3 pts]

Solve. A bag of dog food weighs 2 pounds 4 ounces, as shown. Jamal feeds his dog 6 ounces each day for 5 days.

Dog food
2 lb 4 oz

A bag of dog food.

- a. How many ounces are in the full bag? (1 point)
- b. How many ounces does the dog eat in 5 days? (1 point)
- c. How many ounces are left? (1 point)