

Grade 5 - Converting Measurement Units - Worksheet

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

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

This worksheet gives 20 problems on converting measurement units (5.MD.A.1). You will change customary units such as feet, pounds and quarts, and metric units such as meters, grams and liters, within each system.

The first problems ask for one conversion. The last six are word problems that combine conversions with adding, subtracting or comparing. Write the unit with every answer.

Grade 5 · Common Core State Standards: **5.MD.A.1**

Exercise 1 - Feet to inches

Convert: 4 ft = ? in.

Exercise 2 - Yards to feet

Convert: 5 yd = ? ft.

Exercise 3 - Pounds to ounces

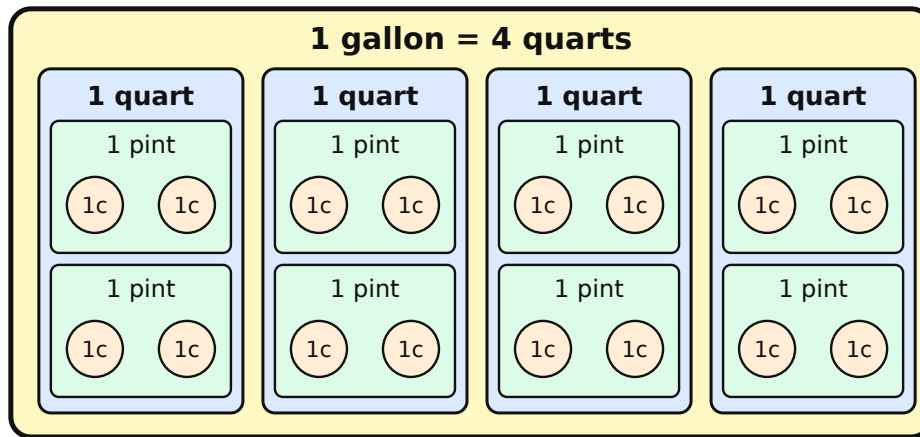
Convert: 3 lb = ? oz.

Exercise 4 - Quarts to pints

Convert: 6 qt = ? pt.

Exercise 5 - Gallons to quarts

Convert: 2 gal = ? qt. Use the diagram.



1 gallon = 4 quarts = 8 pints = 16 cups.

Exercise 6 - Meters to centimeters

Convert: 7 m = ? cm.

Exercise 7 - Kilometers to meters

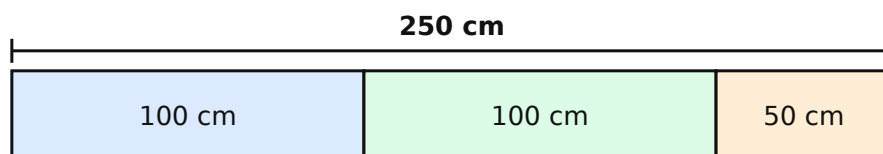
Convert: 3.5 km = ? m.

Exercise 8 - Grams to kilograms

Convert: 4,000 g = ? kg.

Exercise 9 - Centimeters to meters

Convert: 250 cm = ? m.



A strip 250 cm long.

Exercise 10 - Inches to feet

Convert: 72 in = ? ft.

Exercise 11 - Ounces to pounds

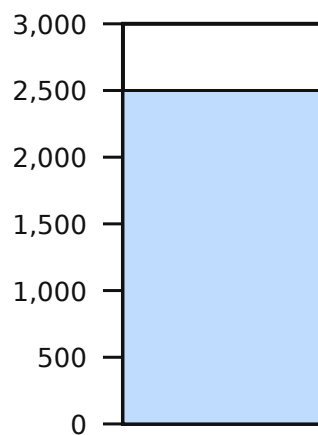
Convert: 24 oz = ? lb.

Exercise 12 - Pints to quarts

Convert: 10 pt = ? qt.

Exercise 13 - Milliliters to liters

Convert: 2,500 mL = ? L.



A measuring container with the water level at 2,500 mL.

Exercise 14 - Compare lengths

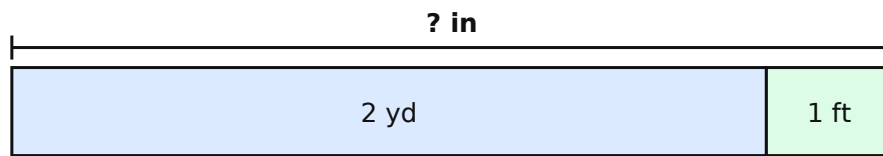
Compare using >, < or =: 3 yd ____ 100 in.

Exercise 15 - Miles to feet

Solve. The trail at the state park is 3 miles long. How many feet is that?

Exercise 16 - Length of a board

Solve. Diego's board is 2 yards 1 foot long. How many inches long is it?



A board 2 yd 1 ft long.

Exercise 17 - Milk for a recipe

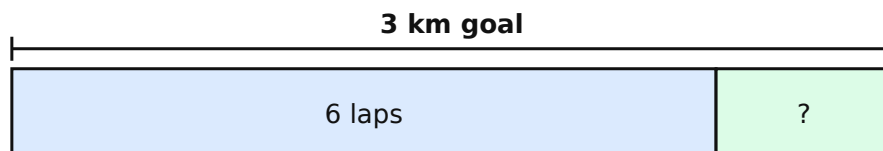
Solve. Sofia's recipe needs 3 quarts of milk. (a) How many cups is that? (b) She starts with a full 1-gallon jug and pours out 3 quarts. How many cups are left?

Exercise 18 - Bags of gravel

Solve. A truck carries 2 tons of gravel. The gravel is packed in bags of 50 pounds each. How many bags is that?

Exercise 19 - Track practice

Solve. Aisha runs 6 laps on a 400-meter track. Her goal is 3 kilometers. How many more meters must she run?



Distance run and distance left.

Exercise 20 - Party punch

Solve. Noah mixes 2 quarts of orange juice, 3 pints of pineapple juice and 5 cups of sparkling water. (a) How many cups of punch is that in all? (b) Will it fit in a 1-gallon bowl? Explain.