

Practice 8.2 & 8.3

Name _____

Convert the length as indicated.

- 1) 9.65 meters to centimeters

- 2) 241 millimeters to centimeters

- 3) 108 meters to hectometers

Convert the volume as indicated.

- 4) 48 liters to milliliters

- 5) 0.835 milliliters to liters

Convert the mass as indicated.

- 6) 54 kilograms to grams

- 7) 839 milligrams to kilograms

Solve the problem.

- 8) How many kilometers long is a 3300 meter race?

- 9) There are 2 liters of juice in the fridge and Maria drinks 100 milliliters of the juice. How much juice, in milliliters, remains?

Convert the length as indicated. Round the answer to two decimal places.

- 10) 83.1 inches to centimeters

- 11) 99 miles to kilometers

- 12) 77 yards to meters

Convert the length as indicated. Round the answer to one decimal place.

- 13) 5.3 meters to inches (meters \rightarrow centimeters \rightarrow inches)

Convert the temperature algebraically. Round the answer to one decimal place.

- 16) 110°C to Fahrenheit

- 17) 71°F to Celsius

Convert the capacity or volume as indicated. Round the answer to two decimal places.

- 14) 19 liters to quarts

Convert the capacity or volume as indicated. Round the answer to one decimal place.

- 15) 50 liters to gallons (liters \rightarrow quarts \rightarrow gallons)

Answer Key

Testname: M050_8.2_8.3

- 1) 965 cm
- 2) 24.1 cm
- 3) 1.08 hm
- 4) 48,000 ml
- 5) 0.000835 L
- 6) 54,000 g
- 7) 0.000839 kg
- 8) 3.3 km
- 9) 1900 mL
- 10) 211.07 cm
- 11) 159.6771 km
- 12) 70.64 m
- 13) 208.7 in.
- 14) 20.14 qt
- 15) 13.3 gal
- 16) 230°F
- 17) 21.7°C