

Homework: Conversion Summation
(Use after: Converting Gallons to Quarts)

Name _____
Date _____ Period _____

Use your TAKS Mathematics Chart to help you answer the following questions.

HW

Use what you have learned in this unit to solve these equivalent ratios.

1. 26 centimeters to millimeters	2. 72 pints to gallons
3. 24 days to hours	3. 280 milliliters to centiliters
5. 800 centigrams to grams	6. 2 yards to feet
7. 5 gallons to quarts	8. 368 ounces to pounds
9. 30 pounds to ounces	10. 700 centiliters to liters

STAAR GRADE 6 MATHEMATICS REFERENCE MATERIALS

LENGTH

Customary

1 mile (mi) = 1,760 yards (yd)

1 yard (yd) = 3 feet (ft)

1 foot (ft) = 12 inches (in.)

Metric

1 kilometer (km) = 1,000 meters (m)

1 meter (m) = 100 centimeters (cm)

1 centimeter (cm) = 10 millimeters (mm)

VOLUME AND CAPACITY

Customary

1 gallon (gal) = 4 quarts (qt)

1 quart (qt) = 2 pints (pt)

1 pint (pt) = 2 cups (c)

1 cup (c) = 8 fluid ounces (fl oz)

Metric

1 liter (L) = 1,000 milliliters (mL)

WEIGHT AND MASS

Customary

1 ton (T) = 2,000 pounds (lb)

1 pound (lb) = 16 ounces (oz)

Metric

1 kilogram (kg) = 1,000 grams (g)

1 gram (g) = 1,000 milligrams (mg)