

EXPLORING MATHEMATICS THROUGH THE METRIC SYSTEM

Conversion tables:

Length	Mass/Weight
1 meter = 39.37 inches	1 gram = 0.035 weight ounces
1 foot = 30.48 centimeters	1 weight ounce = 28.4 grams
1 centimeter = 0.3937 inches	1 kilogram = 2.20 pounds
1 inch = 2.540 centimeters	1 pound = 454 grams
1 kilometer = 0.6214 miles	
1 mile = 1.609 kilometers	



**Volume**

1 milliliter = 0.032 liquid ounce

1 liquid ounce = 29.56 milliliters

1 liter = 1.06 quart

1 quart = 0.946 liter

Convert 6 inches to centimeters.

Convert 3 pounds to weight ounces.

Fun Question

Using the conversion tables above, what is your height in centimeters?