

Some Conversion Factors Which May be Useful

1 mile = 5280 feet

1 mile = 1609 meters

1 pound = 454 grams

1 gram = 15.432 grains

Prefixes to Memorize

Kilo = 1000x bigger (for example. 1 kilogram = 1000 grams)

Milli = 1000x smaller (for example, 1000 milliliters = 1 liter)

Centi = 100x smaller (for example, 100 centimeters = 1 meter)

4. A person's weight is 154 pounds. Convert this to kilograms. (Express correct sig figs.)
5. An aspirin tablet contains 325 milligrams of acetaminophen. How many grains is this equivalent to? (Express with correct sig figs.)