

Metric Measurement

Use the chart to convert the given measurement to the measurement asked for.

1 gram (g) = 1,000 milligrams (mg)
1,000 grams (g) = 1 kilogram (kg)

ANSWERS



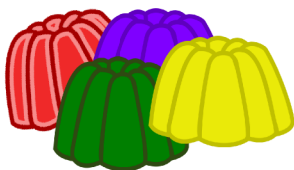
If you have 200 g of chocolate,
how many mg do you have?

since 1 gram equals 1,000 milligrams,
multiply 200 to each side of the equation:
 $1\text{g} \times 200 = 1,000\text{mg} \times 200$
 $200\text{g} = 200,000\text{mg}$



If you have 350 g of candy corn,
how many mg do you have?

since 1 gram equals 1,000 milligrams,
multiply 350 to each side of the equation:
 $1\text{g} \times 350 = 1,000\text{mg} \times 350$
 $350\text{g} = 350,000\text{mg}$



If you have 1,500 g of gum drops,
how many kg do you have?

since 1,000 grams equals 1 kilogram,
subtract 1,000g and convert it to 1kg:
 $1,500\text{g} - 1,000\text{g} = 500\text{g}$, therefore,
1kg and 500g or 1.5kg since 500 is
half of 1,000



If you have 1 kg of chewy candy,
how many mg do you have?

since 1 kilogram equals 1,000 grams,
and 1 gram equals 1,000 milligrams,
multiply 1,000 to each side of the equation:
 $1\text{g} \times 1,000 = 1,000\text{mg} \times 1,000$
 $1,000\text{g} = 1,000,000\text{mg}$ and since 1 kg
equals 1,000g, then $1\text{kg} = 1,000,000\text{mg}$