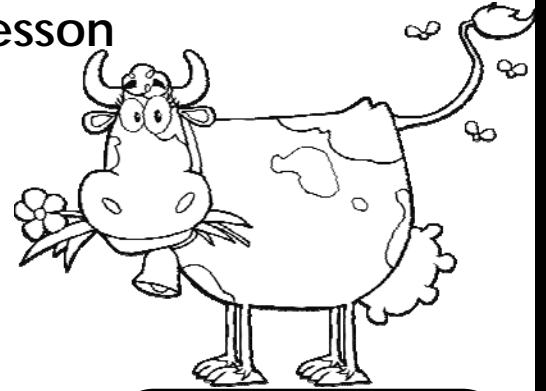


Name _____ Date _____

U.S./Metric Mass Unit Conversions Lesson

Using the chart, find the mass of each value below in the new unit provided.



From	To	Multiply
g →	oz	0.0353
oz →	g	28.35
kg →	lbs	2.2046
lbs →	kg	0.4536

a) 24 ounces = _____ grams

b) 3.2 kilograms = _____ pounds

Explanation:

Using the chart that is provided above, we would just look for the unit that we are starting with and the unit we are want to end up with. We would then multiply by the value provided on the chart.

a) 24 ounces = _____ grams (Chart: oz → g rule **Multiply** 28.35)

This tells us that we need to multiply our starting value (24) by 28.35.

$24 \bullet 28.35 = 680.4$ grams

b) 3.2 kilograms = _____ pounds (Chart: kg → lbs **Multiply** 2.2046)

This tells us that we need to multiply our starting value (3.2) by 2.2046.

$3.2 \bullet 2.2046 = 7.05$ pounds

(Note; For the purposes of the lesson, significant figures can be ignored.)

