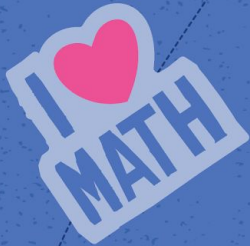


CONVERSIONS

ANNE ARUNDEL VETERINARY EMERGENCY CLINIC





CONVERSION

To change from one form or function to another



WEIGHT CONVERSIONS

GRAMS

OUNCES

POUNDS

KILOGRAMS

INSIDE 1 GRAM THERE
IS :

0.001 KILOGRAMS

0.002 POUNDS

0.03 OUNCES

INSIDE 1 OUNCE THERE
IS :

0.03 KILOGRAMS

0.06 POUNDS

28.6 GRAMS

INSIDE 1 POUND THERE
IS :

0.45 KILOGRAMS

16 OUNCES

453.6 GRAMS

INSIDE 1 KILOGRAM
THERE IS :

2.2 POUNDS

35.2 OUNCES

1000 GRAMS

LET'S CONVERT!

POUNDS

KILOGRAMS

Divide Pounds by 2.2 = Kilograms

Example: Patient Weigh 101 lbs.

101 lbs. divided by 2.2 = 45.9 kg

AND BACK AGAIN!

KILOGRAMS

POUNDS

Multiply Kilograms by 2.2 = Pounds

Example: Patient Weigh 45.9 kg

$45.9 \text{ kg} \times 2.2 = 101 \text{ lbs}$

DRUG DOSE CONVERSIONS

NANOGRAM (ng)

MICROGRAM (mcg)

MILLIGRAM (mg)

GRAM (g)

INSIDE 1 NANOGRAM IS:

0.001 MCG

Too small to matter for
milligrams and grams

INSIDE 1 MICROGRAM
THERE IS :

1000 NG

0.001 MG

Too small to matter for
grams

INSIDE 1 MILLIGRAM
THERE IS :

1,000,000 NG

1000 MCG

0.001 G

INSIDE 1 GRAM THERE
IS :

Too high to matter for NG
and MCG

1000 MG

LET'S CONVERT!

GRAMS

MILLIGRAMS

Multiply Grams by 1000 = Milligrams

EXAMPLE: Doctors orders 3g of Mannitol.

$$3\text{g} \times 1000 = 3000\text{mg}$$

AND BACK AGAIN!

MILLIGRAMS

GRAMS

Divide the milligrams by 1000 = Grams

EXAMPLE: Doctors orders 3000mg of Mannitol.

3000mg divided by 1000 = 3g

LET'S CONVERT!

MILLIGRAMS

MICROGRAMS

Multiply milligrams by 1000 = micrograms

EXAMPLE: Doctors orders 0.5mg of Fentanyl.

$0.5\text{mg} \times 1000 = 500\text{mcg}$

AND BACK AGAIN!

MICROGRAMS

MILLIGRAMS

Divide micrograms by 1000 = milligrams

EXAMPLE: Doctors orders 500mcg of Fentanyl.

500mcg divided by 1000 = 0.5mg

TEMPERATURE CONVERSIONS

CELSIUS

FAHRENHEIT

To convert temperatures from CELSIUS to FAHRENHEIT multiply by 1.8 and add 32.

EXAMPLE: $(30 \text{ CELSIUS} \times 1.8) + 32 = 86 \text{ FAHRENHEIT}$

FLUID CONVERSIONS

MILLILITERS (mL)

OUNCES (fl oz.)

LITERS (L)

1 milliliter is equal to

0.03 ounces

0.001 liters

1 ounce is equal to

29.5 milliliters

0.02 liters

1 Liter is equal to

33.8 ounces

1000 milliliters

LET'S CONVERT

LITERS (L)

MILLILITERS (mL)

To convert liters to milliliters multiply the liters by 1000.

EXAMPLE: 3 liters X 1000 = 3000 mls

AND BACK AGAIN!

MILLILITERS (mL)

LITERS (L)

To convert milliliters to liters divide by 1000.

EXAMPLE: 3000 milliliters divided by 1000 = 3 liters

TIME CONVERSIONS

SECONDS

MINUTES

HOURS

1 hour = 60 minutes

1 minute = 60 seconds

To convert hours to minutes: Hours X 60 = Minutes

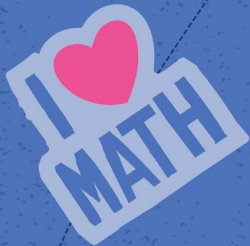
To convert minutes to hours: Minutes divided by 60 = Hours

To convert minutes to seconds: Minutes X 60 = Seconds

To convert seconds to minutes: Seconds divided by 60 = Minutes

RECOMMENDATION

INSTEAD OF TRYING TO
MEMORIZE CONVERSIONS
MAKE A REFERENCE CHART
AND PUT IT IN A NOTEBOOK





QUESTIONS?



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