

Mathematician Quick Reference Guide

- 1) About how many centimeters are in an inch and a foot (12 inches)? (You may want to let him know we don't use our actual feet to measure.)
 - 1 inch = _____ cm
 - 1 foot = _____ cm

- 2) For when you introduce him to American football, how long is a meter in inches and how does that compare to a yard?
 - 1 m = _____ inches
 - 1 yard = _____ inches
 - Which is longer? **METER** or **YARD**

- 3) If he travels 1 mile, approximately how many kilometers is that?
 - 1 mile = _____ km

- 4) Roughly, how many grams are in an ounce of Canadian bacon?
 - 1 ounce = _____ g

- 5) How many grams does a nickel weigh? (Kevin is a known coin collector.)
 - _____ g

- 6) About how many pounds can he gain eating American cuisine before he has gained 1 kilogram?
 - 1 kg = _____ pounds

- 7) A quart of ice-cream is about how many liters? (Kevin loves Rocky Road.)
 - 1 quart = _____ liters
 - Which is more? **QUART** or **LITER**

8) Water will freeze on his windshield at what degrees Fahrenheit equivalent to 0°C ?

○ $0^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{F}$

9) To boil a pot of water for cooking it takes 100°C . How many degrees Fahrenheit is that?

○ $100^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{F}$

10) Kevin's normal body temperature is 37°C ? When he uses a thermometer here to make sure he hasn't caught a cold, what will his normal body temperature be in degrees Fahrenheit?

○ $37^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{F}$

11) Kevin likes a room temperature of 20°C , what should he set the thermostat to in Fahrenheit?

○ $20^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{F}$