

Tropical Ecology
Assignment #2
Metric system

1. Which is longer, 2.78 miles or **5.2 kilometers**?
2.78 miles = 4.47 kilometers.
2. In a marathon, racers run approximately 24.3 miles. How far is this in kilometers? **39.1 km**
3. Lizard Island is approximately 270 km north of Cairns. How far is that in miles? **168 miles**
4. Approximate your height: **67 inches**. How tall are you in centimeters? **170.2 cm**
in meters? **1.70 m**
5. You buy exactly 900 centimeters of rope. Approximately how many feet is that? **29.5"**
6. Average human body temperature is 98.2 ° F. That equals **36.8 ° C**
7. If it's 20° Celsius in the room, how warm is it in Fahrenheit degrees? **68 ° F**
8. Water freezes at 32° F. This equals **0 ° C**
9. If the gas tank on your car holds 12 gallons, how many liters will it take to fill the tank?
12 gallons = 45.4 liters
10. Which is cheaper, milk at \$2.47/gallon, or gas at \$0.58/liter?
$$\frac{\$0.58}{\text{liter}} \times \frac{1\text{liter}}{1.057\text{quarts}} \times \frac{4\text{quarts}}{\text{gallon}} = \$2.19$$
 gas is cheaper
11. What is the weight in kilograms of a person who weighs 180 pounds? **180 lbs = 81.6 kg**
12. If a person buys 23 kilograms of dog food, how many pounds are they getting?
23 kg = 50.7 lbs
13. Which is larger, 50 hectares or **150 acres**?
50 ha = 123.6 acres