BECA / IB Mathematics Applications and Interpretation   Name:
8 June 2022

13.5 Do Now: Metric system

1 inch = 2.54 centimeters	1 pound = 16 ounces	1 quart = 2 pints
1 meter = 39.37 inches	1 pound = 0.454 kilogram	1 gallon = 4 quarts
1 mile = 5280 feet	1 kilogram = 2.2 pounds	1 gallon = 3.785 liters
1 mile = 1760 yards	1 ton = 2000 pounds	1 liter = 0.264 gallon
1 mile = 1.609 kilometers	1 cup = 8 fluid ounces	1 liter = 1000 cubic centime-
1 kilometer = 0.62 mile	1 pint = 2 cups	ters

1. How many feet are in two miles?

2. How many miles would there be in a 10 kilometer race?

3. How many liters would be one half gallon?

4. Convert to the required units

    (a) To months, 4 years

    (b) To meters, 65 inches

    (c) To meters, one mile

    (d) To feet, 10 yards

    (e) To kilograms, 100 pounds

    (f) To meters, 1.65 kilometers