**Geometry, Measurement and Finance 10 – Conversions**

**SI length Imperial length**

|  |
| --- |
| 1 cm = 10 mm  1 m = 100 cm  1 km = 1000 m |

|  |
| --- |
| 1 m = 1.0936 yd  1 mi. = 1.6093 km  1 in. = 2.54 cm  1 m = 3.2808 ft. |

|  |
| --- |
| 1 ft. = 12 in.  1 yd = 3 ft.  1 mi. = 1760 yd |

|  |
| --- |
| **SI Capacity**: 1L = 1000 mL  1 kL = 1000 L  **SI Volume**: 1 = 1 mL |

**TEMPERATURE CONVERSIONS…**

**C = F =**

**SI mass Imperial mass**

|  |  |  |
| --- | --- | --- |
| 1 g = 1000 mg  1 kg = 1000 g  1 t = 1000 kg | 1 kg = 2.2 lbs  28.4 g = 1 oz | 1 lb = 16 oz  1 tn = 2000 lb |

|  |  |
| --- | --- |
| ***US Imperial*** | ***SI*** |
| 1 fl oz | 29.5735 mL |
| 1 pt = 16 fl oz | 473.176 mL or 0.473 L |
| 1 qt = 2 pt | 946.352 mL or 0.946 L |
| 1 gal = 4 qt | 3785.4 mL or 3.785 L |

**Converting Common Cooking Units**

|  |  |
| --- | --- |
| ***Imperial*** | ***SI*** |
| teaspoon | 1.25 mL |
| teaspoon | 2.5 mL |
| 1 teaspoon | 5 mL |
| 1 tablespoon (3 teaspoons) | 15 mL |
| 1 cup | 250 mL |
| 1 pint | 568.2614 mL |
| 1 quart (2 pt) | 1.1365 L |
| 1 gallon (4 qt) | 4.5461 L |

**Geometry, Measurement and Finance 10 – Formulas**

**Area of 2-D shapes**

Circumference = **or**

**Surface Area and Volume of 3-D objects**

**Trigonometry Finance**

Simple Interest I = Prt

Compound Interest A = P