

1. 346 meters = 340.00 meters
To convert to cm, move the decimal point 2 places
To the right

$$340.00 \text{ m} = 34,000 \text{ cm}$$

2. 2 km = 2000 m = 200,000 cm

3. meters = $\frac{\text{feet}}{3.28} = \frac{99}{3.28} = 30.2 \text{ meters}$

4. 99 yards $\times \frac{3 \text{ ft}}{1 \text{ yd}} = 297 \text{ feet}$

$$\frac{297 \text{ feet}}{3.28} = 90.5 \text{ meters}$$

5. $\frac{80 \text{ km}}{2 \text{ hrs}} = 40 \text{ km/hr}$

6. $\frac{80 \text{ km}}{2 \text{ hrs}} \times \frac{1 \text{ hour}}{60 \text{ minutes}} \times \frac{1 \text{ minute}}{60 \text{ seconds}} = .01 \text{ km/sec}$

7. $(30^\circ \text{C} \times 1.8) + 32 = 86^\circ \text{F}$