$1000 cm^3 = 1000 mL$

$1 mL = 1 cm^3$

$\frac{2}{3} \times \frac{4}{4} = \frac{8}{12}$

$+ \frac{3}{4} \times \frac{3}{3} = \frac{9}{12}$

1 ft = 12 inches $\quad \frac{1ft}{12in} \quad \frac{12in}{1ft}$

5.5 ft = ___ in

$5.5 \cancel{ft} \times \frac{12 in}{1 \cancel{ft}} = 66 in$

1 school day = ___ sec.

$1 \cancel{s.d.} \times \frac{6.5 \cancel{hr}}{1 \cancel{s.d.}} \times \frac{60 \cancel{min}}{1 \cancel{hr}} \times \frac{60 sec}{1 \cancel{min}} = 23,400$

6.5 hr = 1 s.d.

kilo 1000x
centi $\frac{1}{100}$
milli $\frac{1}{1000}$

1 km = 1000 m
1 cm = .01 m
1 m = 100 cm
1 m = 1000 mm
1 mL = $1 cm^3$
5 km = 3.1 miles
1 km = .62 miles
1 in = 2.54 cm.

How many cm in 1 mile.

$1 \cancel{mile} \times \frac{5280 \cancel{ft}}{1 \cancel{mile}} \times \frac{12 in}{1 \cancel{ft}} \times \frac{2.54 cm}{1 in} =$

$1 miles \times \frac{1 \cancel{km}}{.62 \cancel{mile}} \times \frac{1000 \cancel{m}}{1 \cancel{km}} \times \frac{100 cm}{1 \cancel{m}} =$

60 mph = ___ $\frac{m}{s}$

$\frac{60 miles}{1 hr} \times \frac{1609.344 M}{1 Mile} \cdot \frac{1 hr}{60 Min} \cdot \frac{1 Min}{60 sec}$

26.8224 M/s

$60 \times 1609 \div (60 \times 60) =$

$60 \times 1609 \div 60 \div 60 =$

Aug 20-11:24 AM

1 mole NH_3 = 17 grams

1 mole CH_4 = 16 grams

2 a)

b ~~weigh~~ mass

5 c)