



Target: I can do dimensional analysis quickly!

#1	#4
#2	#5
#3	#6

1 hr = 60 min	1 min = 60 sec	1 ton = 2000 lbs	7 days = 1 week
24 hrs = 1 day	1 kg = 2.2 lbs	1 gal = 3.79 L	264.2 gal = 1 cubic meter
1 mi = 5,280 ft	1 kg = 1000 g	1 lb = 16 oz	20 drops = 1 mL
365 days = 1 yr	52 weeks = 1 yr	2.54 cm = 1 in	1 L = 1000 mL
0.621 mi = 1.00 km	1 yd = 36 inches	1 cc is 1 cm ³	1 mL = 1 cm ³

#1 - How many miles will a person run during a 10 kilometer race?

ANSWER

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2 - The moon is 250,000 miles away.
How many yards is it from earth?
Put your answer in
Scientific Notation

ANSWER

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#3 - A family pool holds 10,000 gallons of water. How many cubic centimeters is this? Put your answer in scientific notation!

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#4 - The average American student is in class 330 minutes/day. How many hours/week is this?

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#5 - Saffron costs \$368.00 per ounce.
Determine how many grams you can purchase for \$15.00.

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#6 - How many centimeters per minute is a wave going if it travels a distance of one mile in 7.35 seconds? Answer in scientific notation

ANSWER