CUI (When Filled In)

Application for the Navy and Marine Corps Public Health Center (NMCPHC) Exposure Monitor Course (EMC) and Math Review

(Please Complete All Fields)

Application

1. Date of Class:		
2. Location of Class: _		
3. Student Name:		-
4. DOD ID#:		
5. E-Mail:		
6. Phone Number:		_
7. Job Title:		
8. Rank/Civil Service	Grade:	
9. Highest Education I	Level Achieved:	
10.Industrial Hygiene S	Sampling Experience (years):
11.Supervisor Name: _		
12.Department:		
13.Supervisor's Phone	Number:	
14.Supervisor's E-Mail	:	
15.Command UIC:		_
	CUI (When Filled In)	Controlled by: Department of the Navy Controlled by: NAVMCPUBHLTHCEN CUI Category: PRVCY Distribution/Dissemination Control: FEDCON POC: Robert Garnett, 757-953-0745

CUI (When Filled In)

16.Command Name:	
Street Address:	
City:	
State / Province / Region:	
Zip:	

Note: This course is intended for Exposure Monitors, Industrial Hygiene Technicians, and junior/inexperienced Industrial Hygienists/ Industrial Hygiene Officers (IHOs). Quota priority for the course will be given to Navy/DHA personnel including Monitors, Technicians, or inexperienced/junior IH/IHOs needing the course. Others will be considered on a case-by-case basis.

Math Review (include all units when applicable)

1. Calculate the following:

a.
$$\frac{(5)(6)+(3)(8)+(2)(12)}{6} =$$

b.
$$\frac{(7)(11)+(9)(2)+(8)(4)}{(5)(5)} =$$

c.
$$\frac{(8)^2+(3)(8)+(5)^2}{11} =$$

d.
$$\frac{(6)^2+(2)^2+(5)^2}{(3)^2} =$$

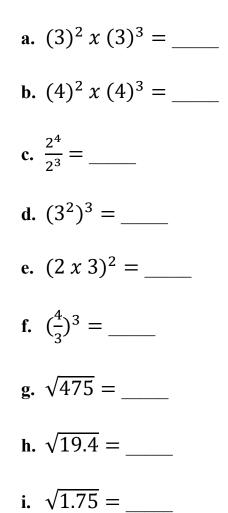
2. Convert the following:

a. 30 inches to feet = ______
b. 69 inches to yards = ______
c. 5 yards to inches = ______
d. 6.5 feet to inches = ______
e. 5.75 hours to minutes = ______
f. 390 minutes to hours = ______
g. 2.3 hours to seconds = ______
h. 400 seconds to minutes = ______
i. 22 cc to ml = ______

3. How much time in minutes has elapsed:

a. 0705 to 1143 =**b.** 0827 to 1204 =**c.** 0816 to 1426 =**d.** 0944 to 1530 =

4. Calculate the following:



- 5. Complete the following:
 - **a.** Find the average of 650 ft, 700 ft, and 625 ft: _____
 - **b.** $(0.72 \text{ ft}^2)(600 \text{ ft}) =$ _____
 - **c.** Convert 126 in² to $ft^2 =$

6. The diameter (d) of a circle is 16 inches:

a. Find the radius of the circle (inches): _____

- **b.** Find the area of the circle (square inches):
- **c.** Find the area of the circle (square feet):

7. Convert the following temperatures:

- **a.** 98°F to °C = ____ **b.** 35°F to °C = ____
- **c.** 32° C to $^{\circ}$ F = _____ **d.** 19° C to $^{\circ}$ F = _____

8. Convert the following:

a. 14 L to $m^3 =$ ____
 b. 29 L to $m^3 =$ ____

 c. 5 L to $m^3 =$ ____
 d. 200 µg to mg = ____

 e. 141 µg to mg = _____
 f. 28 µg to mg = _____

Please Digitally Sign Below: