British Army Mathematics Mock-Test.
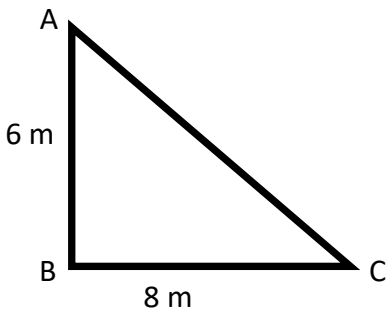
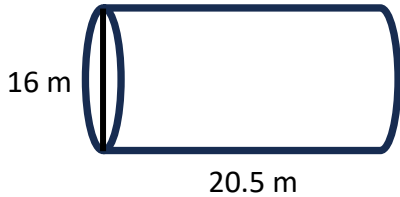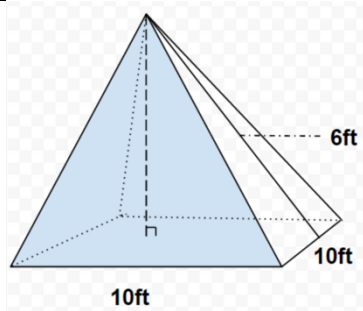Name:_____   Chest no. _____

Rules:
You must write your name and your disc number.
You must write your answer in the "Answer" column unless told otherwise. You must include the unit where appropriate.

S NO.	Questions	Answer	Marks
1.	If you are travelling with the speed of 60 mph. If you took 1 hrs 45 mins to cover the distance, then calculate the total distance in km.		1
2.	You went in to the restaurant and had dinner. The total bill was Rs 2500 and the accountant charges you 10% additional service tax. Then, calculate the total bills you have to pay.		1
3.	You earn Rs 2000 and your friend earn $ 300. If 10$ = Rs. 1000. Then find the ratio of you and your friend's earning.		1
4.	Divide: 1.938 by 0.102.		1
5.	Suppose a trianle has coordinate A(-2,4), B(3,5) and C(0,8). If you move the co-ordinates by 3 units left and 4 units up. Find the image of co-ordinate A.		
6.	A shopkeeper announce 12% discount on each item in his shop. If the laptop's price is Rs. 144000. How much money can you save by buying that laptop on sale.		1
7.	a. If you three and half rounds around it how much distance will you cover? b. Calculate the area of the given rectangle.		2
8.	Find the mean of the given data.		1

9.	Given that 2.5 cm = 1". Which one among the following is the widest?		1

A	B	C	D	E
39.2 cm	21.4"	49.23 cm	31.4"	0.412 m

10.	Find the total surface area of given solid. (Use pi = 3.14)		1

16 m

20.5 m

11.	A person borrowed a sum of money at the rate of 6.5 % per annum. If he received simple interest of Rs. 11700 at the end of 2 years and 6 months. What was the sum of money he borrowed.		1

12.	The height of friends gathered in a bar are listed below. Calculate their total height.		1

Ram	Shyam	Hari	Mina	Priti
1.92 m	169.23 cm	174 cm	184 cm	1.75 m

13.	Find the volume of the given figure. (use formula: $V = \frac{1}{3} * l^2 * height\ of\ pyramid$)		1

6ft

10ft

10ft

14.	You toss a coin 7 times in a row the calculate the probability of getting at least 1 head?		1

15.	You have total of 123.432 kg of rice. If you consume 2341 gm of rice daily. How much rice will be left at the end of 10 days?		1