Model (2)

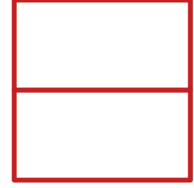**Science**

1-Each Alkali metal lies in the ---------- of each period
A- start   B- middle   C- end   D- bottom

2-If the volume of the collected gas at the cathode in the electrical analysis of water is 10 cm^3, so the volume of the gas at the anode ,-------cm^3
A-5   B-10   C-20   D-30

3-A trivalent non-metal element lies in the third period, the number of electrons of its outermost energy …………….
A-5   b- 8   c-9   D-18

4- The……………. layer has pressure equals 90 millibar.
A-Troposphere   B-Stratosphere   C-Mesosphere   D-Ionosphere

5-From the examples of microfossils …………………….
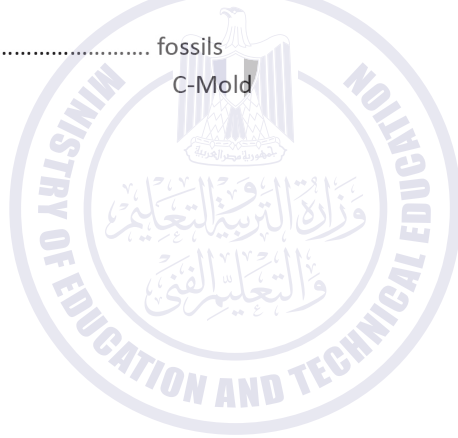A-Mammoth   B-poly podiales   C-Foreminefra   D-Nummulite

6-Dinasour eggs are considered………………… fossils
A-Petrified   B-Cast   C-Mold   D-Trace
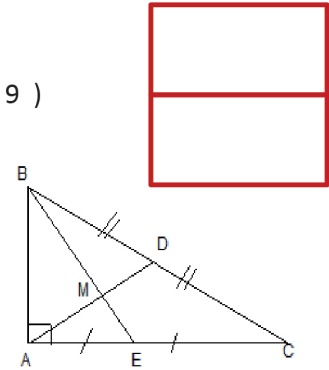
Maths

1) The mean of the values : 7 , 8 , 9 , 10 and 6 is ....   (6 , 7 , 8 , 9)

2<u>) In the opposite figure:</u>

M is the intersection point of the medians of triangle ABC ,

BC = 24 cm , then DM = ...cm

(2 , 4 , 6 , 8)

3) ABC is right angled triangle at B , AC = 10 cm , $m(\angle C) = 60^0$, then BC = ...cm .

(2 , 4 , 5 , 6)

4) The triangle whose measure of two angles are 55^0 and 70^0 is ....

(isosceles ,   equilateral ,   scalene ,   right)

5) The lengths which can be sides of a triangle is ....

({1 ,1 , 2 } , { 1 ,1 ,3 } , { 1 ,2 ,2 } , { 2 , 2 , 5 })

6) The cube whose edge of length is 3 cm ,its volume = ...cm^3

(9 , 27 , 81 , 54)

7) If X = [1,3 [, Y =] 2 , 5 [, then X ∩ Y = ...

([1 , 5 [,] 2 , 3 [, [3 , 5 [, [1 , 2])

8) If X (4 , 2) and y (4 , 6) , then the slope of $\overleftrightarrow{XY}$ = ...

(2 ,   0   , -2 ,   undefined)