

Model (2)

Science

- The number of atoms in hydrogen chloride compound is
a) 1 b) 2 c) 3 d) 4
- In sodium atom ^{11}Na , the electronic configuration will be in
a) one energy level b) two energy levels
c) three energy levels d) four energy levels
- The product of combination of two elements or more different of elements with constant weight ratio is
a) atom b) compound c) element d) molecule
- The stored energy inside a body due to a work done on it is called
a) motion b) potential c) mechanical d) electrical
- In solar heaters, the solar energy is converted to energy
a) optical b) electrical c) thermal d) kinetic
- Which of the following rodents undergoes aestivation?.....
a) Squirrel b) rat c) jerboa d) desert snail

Maths

- The angle whose measure 70° complements an angle of measure⁰
(20 , 110 , 70 , 140)
- If $\triangle ABC \cong \triangle XYZ$, If $m(\angle A) + m(\angle Y) = 100^\circ$, then $m(\angle C) = \dots^\circ$
(80 , 100 , 40 , 10)
- If $m(\angle B) \equiv m(\angle C)$, where $\angle B$, $\angle C$ are supplementary , then $m(\angle B) = \dots^\circ$
(180 , 90 , 45 , 30)
- In the opposite figure :
 $\overline{CD} \parallel \overline{BA}$ $m(\angle ABC) = 40^\circ$, then $m(\angle BCD) = \dots^\circ$
(40 , 80 , 50 , 25)
- The multiplicative inverse of 1 is
(1 , -1 , 0 , 2)
- The simplest form of the expression : $(X-2)(X+2) + 4$ is
($X^2 + 4$, $X^2 - 4$, X^2 , 4)
- $25x^5y^2 \div 5x^2y^2 = \dots$
($5x^7y^4$, $5x^3$, $5x^3y$, $5x^7$)
- The mean of the values : 1,2,4,3 and 10 is (3 , 4 , 5 , 20)


