Teacher Name: **Aqsa Kamran** Class: **7** Subject: **Mathematics** Date:-**24th January 2020**

**TOPIC:**

**CONSTRUCTION OF FORMULAE**

**Q.1 Using the letters suggested, construct a simple formula in each case.**

a) The sum S of three numbers ***a,b*** and ***c***.

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b) The product P of ***x*** and ***y***.

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c) The difference D between the ages of two boys ;one being ***a*** yrs old and other ***e*** yrs old .

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d) The area A of a semi circle whose radius is ***r***.

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e) The cost ($C) of ***m*** eggs at 12 each.

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f) The average (A) age of four boys whose ages are ***m,n,p*** and ***q*** years.

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g) The vertical angle ***x***o of an isosceles triangle whose base angle is ***y***o.

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h) The time (T) in minutes for a train journey of ***a*** hours and ***b*** minutes .

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i) The total cost ($T) of ***d*** chairs at ***$p*** each and ***c*** tables at ***$q*** each .

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j) A car travels at ***x*** km/h for ***p*** km and makes another journey at ***y*** km/h for  km .

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1. The total distance (r km) the car travels.
2. The formula for the average speed.