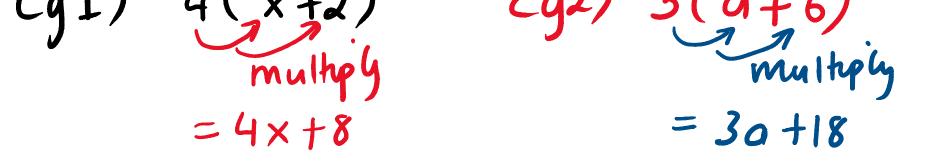
Substitutung 04 March 2019 11:27 you will be given a value for the variable  $Eg \quad X=1 \quad or \quad Y=-2$ Method 1) you replace the variable in the expression with the given value of the variable 2) When you subsitute a value into an expression you USE BRACKETS (multiply) Eg1) If x=2 and y=3, Fund the value of the following 3) 5 x y 2) 3x + 2yi) X+2 3(2)+2(3) 5(2)(3)(2)+26+6 = 4 =30 = 12 HIW Pg 173 Q2.  $Q_2) \quad X=5$ iii) 4x+5 ii) 5x I) X+3 5(5) = 25 4(5) + 5(5) + 3 = 820+5 =25 v) 12-X iv) 3x-7vi) 15 - 2x 12-(5) 3(5) - 715 - 2(5)=7 15-7 15-10 = 8 = 5 viii) 9-3x vii) -3x + 209-3(5) -3(5)+20 -15+20 9-15 =5 = -6 Pg 173 Q3 a= 4, b= 2 iv) ab (4)(2)= 8 |) a - b(4)-(2) = 2

11) $6a + 3b$ 6(4) + 3(2) 24 + 6 = 30	V) $6ab - 2a$ 6(4)(z) - 2(4) 48 - 8 = 40
$\begin{array}{l} \textbf{iii} & \textbf{59} - \textbf{26} \\ \textbf{5(4)} - \textbf{2(2)} \\ \textbf{20} & -\textbf{4=16} \end{array}$	vi) $6a - 2ab_{6(4)} - 2(4)(z)_{2(4)} - 16 = 8$
vii) $3ab + 6b$ 3(4)(2) + 6(2) 24 + 12 = 36	viii) 2a - 6 + 4ab 2(4) - 1(2) + 4(4)(z) 8 - 2 + 36 = 42.
Remouring Brachets	
Method: Multiply the the brachet inside the	by everything
$E_{q1}$ 4(x+2) $E_{q1}$	$q_2$ ) $3(a_{+6}) = 12$



CIW Pg 176 Q4->9 5) s(2x+y) = 10x + 5y6)4(2x+3y) 4) 3(x+y)= 8X + 12y= 3x + 3y

9) 6(2a+b+3)8) 3(x+2y+1)7) 6(2x - y)12x - 6y 3x +6y +3 120+66+18

## $\begin{array}{c} (0) & 6(a+4) + 2(2a+3) \\ 6a + 24 + 4a + 6 \\ \end{array}$

= 100 + 30

Classwark-Homewark -> 7/3/19 Pg 173 Q4.5,6 7 Has to be done. Pg 176 Q12->23 J Extra Warh if finished Pg 174 Q7->12.