```
3A x B =
       = 33: -66/+ 151
      [3A×B] = 33L-66j+15k
     [Ax 2B] = 2
     2B = 2[3i+4j-1110]
    [Ax28]
    = i[22-0]-j[44-0]+k[4-C-6]]
    = 22: -441 + 1010
  [3AXB]-[AX2B]=[33i-66j+151c]. [22:-44j+101]
   = 7261- = 726 + 2904 + 150
            = 39 80
V) A-2B-C=2i-j-6i-2j+22k-4i-4j+5k
    = -8; -7; +27 K
     = -81 -7j +271c
```

```
MAIN 102 assign
          Lawal Uba lawal
          191ENG 03 027
          Buil Engineering
          Answers
        A = 2i - j. B = 3i + j - u1c, C =
        = -3[2:-]] + 7[3:+j-11+] - 8[4:+4] + 5k
       = 6 + 3 + 21 + 7 - 77 k - 32 i - 32 j + 40 k
        = -17: -22: - 37 le
       = -3A+7B-8c = -17i -22i -371c
    ii) [A×B×C] + - +
      [AxB] =
    = : [u-0] - j[22-0] + k[2-(-3)]
    [AxB] = 4j - 22j + 5k
   [A×B×C] | i j k
|11 -22 5
|4 4 -5
  - i[110-20]-j[55-C-20]+ k[44-C-88)]
 = i[90] - j[55+20] + k [44+88]
 = 90i - 75j + 132 k
[AxBxc] = 90; - 75; + 132 le
14/ [3A×B] · [A×2B]
3A = 3[21-1]
 - 6i - 3i
```