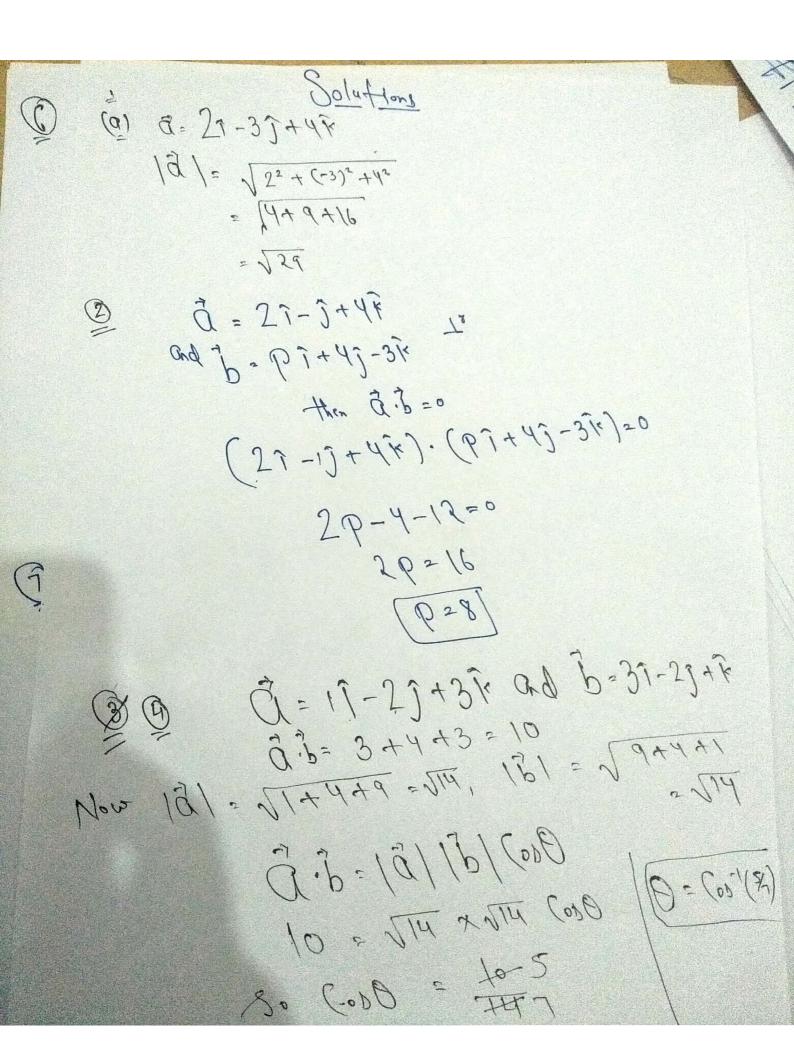
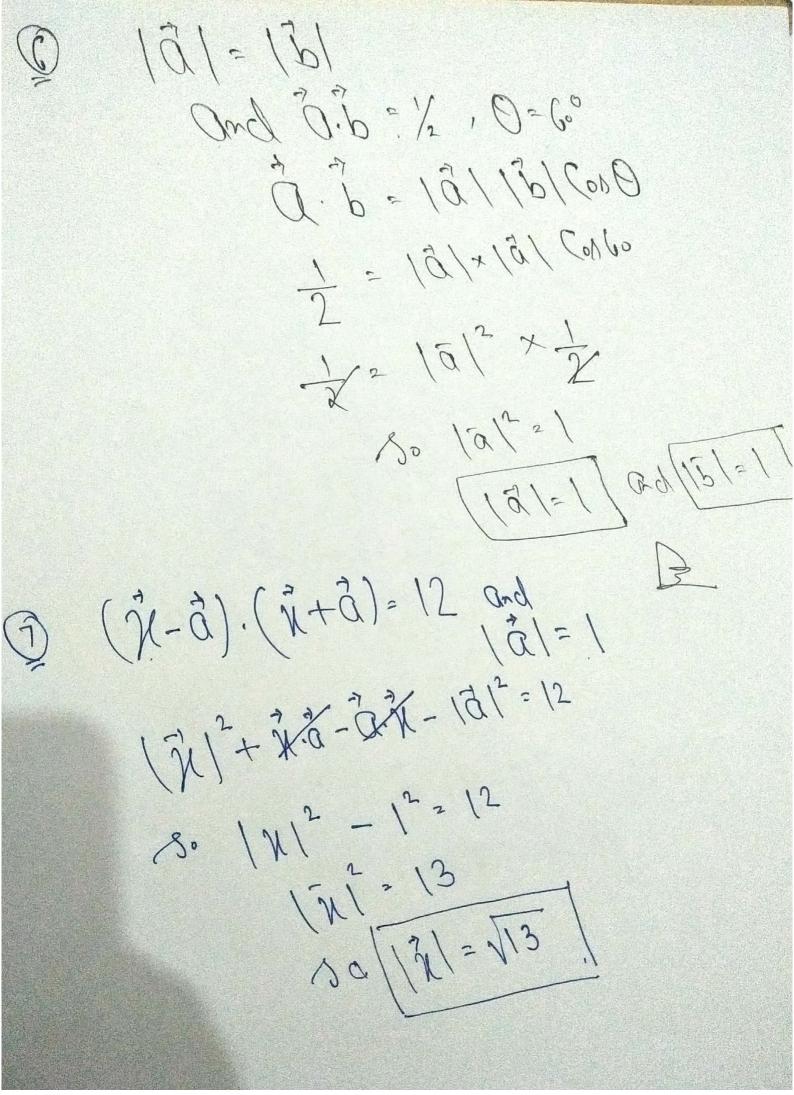
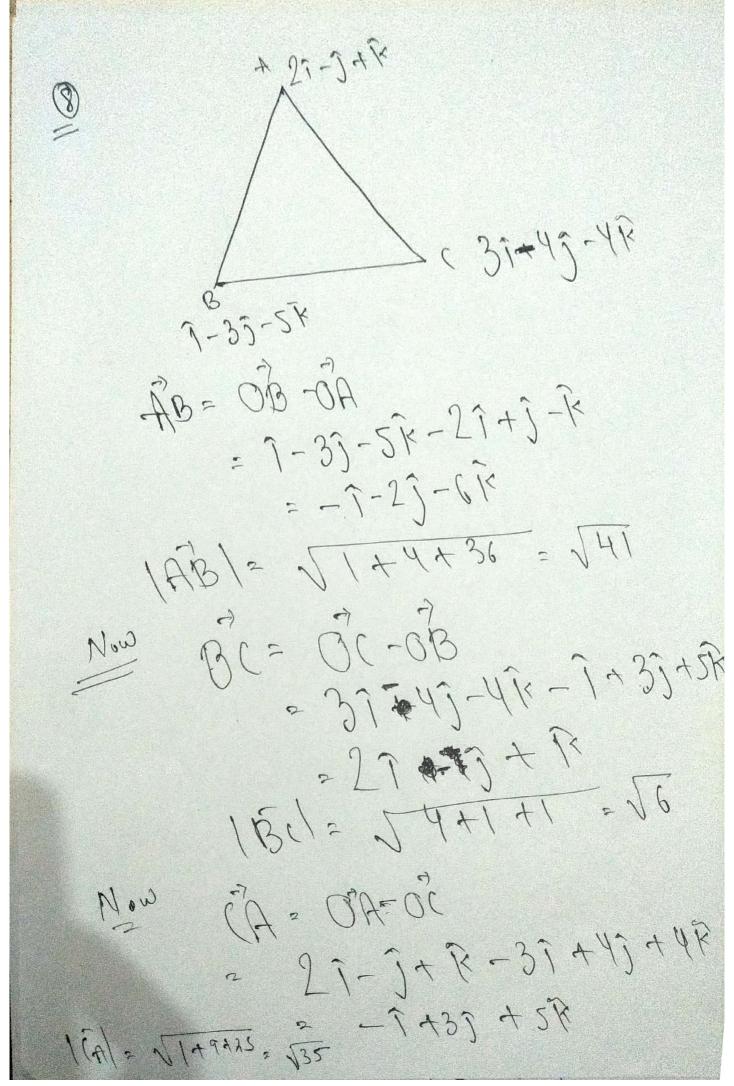
Vector Proctinge Sheet (a) 27-35+42 (b) 1+25-12 (c) 27-1-2 It Victors 21-3+4/2 And PT+43-3/2 are preparation to each other find Value of P. @ find J.b and JxB for Vectors (a)  $a = 2\hat{i} + \hat{j} + 4\hat{k}$  (b)  $2\hat{i} - 3\hat{j} + 6\hat{k}$   $\hat{b} = \hat{i} - 3\hat{j} - 2\hat{k}$   $\hat{j} + 2\hat{j} - 3\hat{k}$ 9 find angle b/w the vectors 7-23+3k ad
37-23+2 2 Show that the Victors (21+35+6k) and (31-63) are prependicular to each other. (6) find the magnitude of two Ventors à and B having same magnitude such that the angle blo them is Go. and their scalar product is 2. Find [] for (]-6). ([+2)=12 when (3) 3) Show that the Vectors 21-j+14, 1-3j-512 and 37+49-4/ - form the Ventiles of right angle s Tind angle blu Vectors of and b with magnitud

To and 2 yespectively having J.b = 16 (1) find 10 x 6/ if 0 = 1-73+7k and 6=31-29+2k

@ ~8how +that (3-b) x (3+b) = 2(0xb). (12) find & and Nit (21+6)+27k) x (1+x)+W/r)=0 1 (a) 139 (b) J6 (c) J5 3 (9) - 9 4 (0/4 (5/4) 9 45° 10  $19\sqrt{2}$ 12 N = 27/2 ,  $\lambda = 3$ 







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