Solutions: 21-5-1.2-MK-02 EMg = (3 kip/ft) (6ft) (12ft) - Ay (9ft) 3 kip/fd Ay= (31: pa)(64)(04) = 241/1 . c EMa= (3kip 44/64/3) - By (954) By= (3kip/4) (69) (59) = 6 kip V V 3x 3x<sup>2</sup> 2 Va = (3kin /44) (64) = -18 kip = Ump) 6 kip V2 = -18kip + 2(1/1) = 6 KP Vc= 6kip-6kip= 0 18 Kip = Max - M- 131 (1) = 131 (1) = 51 Ripst -54 kip ft MA=0  $M_{8} = 0 - \frac{3x^{2}}{2} = -\frac{3(6)^{2}}{2} = \frac{54 \text{ kipf4}}{2} = M_{mx}$  $M_{c} = -54 + (6)(x) = -54 + (6)(9n) = 0$ FIVE STAR