

Find the unit digit of (2153) 167 X (8267) 153 0 (3) × (7) 153 a = 1 b = 3 2,3,7,8 C = 7 $(3)^3 \times (7)^1$ Remain = 00 27 X 7 y Remain + 0 => unit digit 4)167(41 4)153 16 P=3 33 32 P=1 1 * Suppose [R=0] you should letain 4 in the Place of power. Find the unit digit of (432)412 x (499) (2) odd (2) 412 x (9) 431 (T 9 = 9 a = 2 => (3 $(2)^4 \times 9$ b = 4 - R=? 16 X 9 J = 8 4)412 P=0 Find the unit digit of (217)413 x (819)547 x (414)624 (3) X (342)8 $(7)^{413} \times (9)^{547} \times (4)^{624} \times (2)^{8}$ $(7)^{4} \times 9^{0dd} \times (4)^{4} \times (2)^{4}$ a= 2 412 b= 4 C = 6 of = 8



