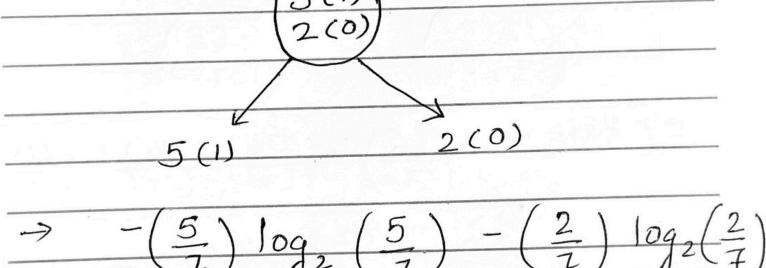
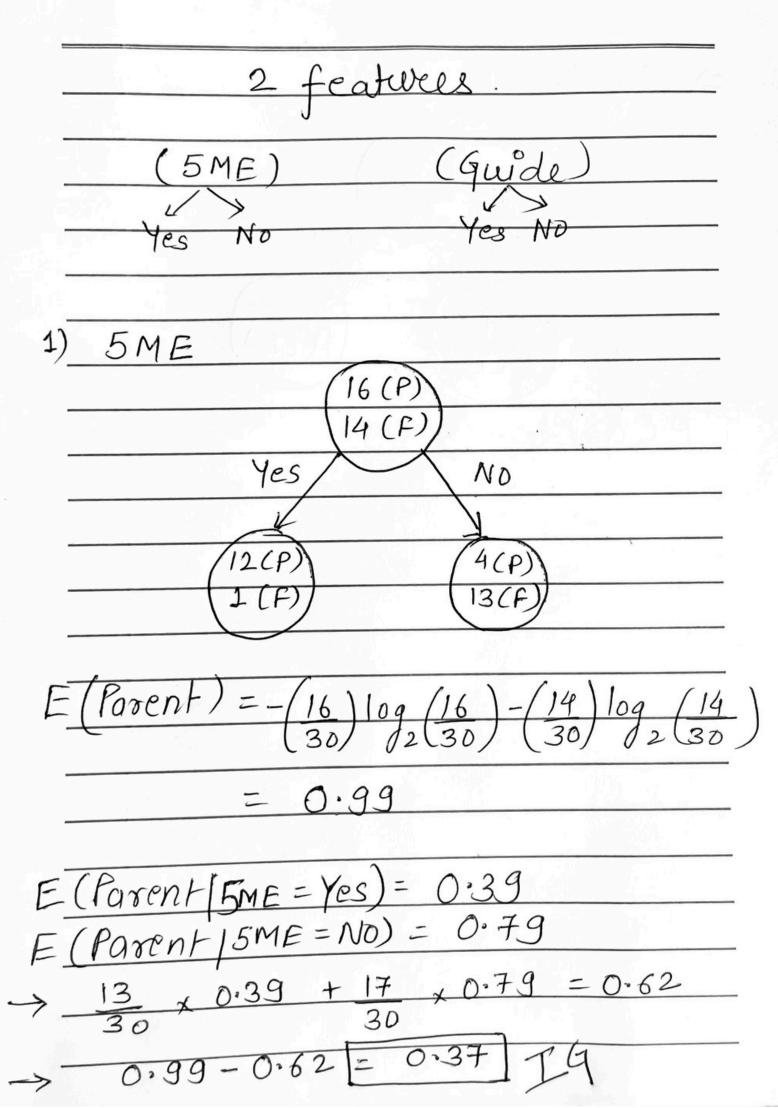
Entropy $E = -P(+) \log P(+) - P_{(-)} \log P_{(-)}$ $\int_{2}^{2} \int_{2}^{2} \int_{2}^{$



$$-\frac{5}{7} \cdot \log_2\left(\frac{5}{7}\right) - \left(\frac{2}{7}\right) \cdot \log_2\left(\frac{2}{7}\right)$$

$$= 0.05$$

0.85



2) Guide E (Parent) = 0.99 E(Parent/quide = Yes) = 0.994 E(Parent/quide = NO) = 0.917 0.996 $\frac{13}{30}$ $\times 0.994 + 17$ $\times 0.996$ + 0.56 0.99 0.99 - 0.99 = 0.00 TG 0.37 > 0.00