

$\frac{4}{(489)}$   $\therefore P(\text{עלם}) = \frac{5}{20} = \frac{1}{4}$   $\therefore P(\text{אין עסקה}) = \frac{5}{20} \cdot \frac{4}{19} = \frac{1}{19}$

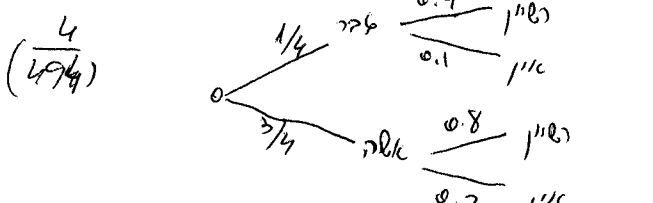
$\therefore P(\text{אין עסקה}) = \frac{15}{20} \cdot \frac{14}{19} = \frac{21}{38}$

$\frac{7}{(490)}$   $P(\text{עסקה}) = P(\text{עסקה, על}) + P(\text{עסקה, לא על}) = \frac{3}{5} \cdot \frac{3}{5} + \frac{2}{5} \cdot \frac{1}{5} = \frac{11}{25}$

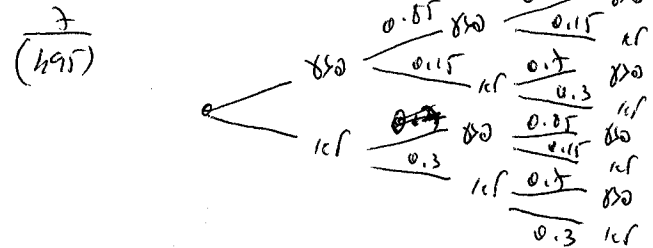
$\frac{10}{(490)}$   $\therefore P(\text{עסקה}) = \frac{8}{20} \cdot \frac{7}{19} \cdot \frac{6}{18} = \frac{14}{285}$   $\therefore P(\text{אין עסקה}) = \frac{12}{20} \cdot \frac{11}{19} \cdot \frac{10}{18} = \frac{11}{57}$

$\therefore P(\text{אין עסקה}) = \frac{8}{20} \cdot \frac{12}{19} \cdot \frac{11}{18} + \frac{12}{20} \cdot \frac{8}{19} \cdot \frac{11}{18} + \frac{12}{20} \cdot \frac{11}{19} \cdot \frac{8}{18} = \frac{44}{95}$

$\therefore P(\text{עסקה}) = \frac{12}{20} \cdot \frac{8}{19} \cdot \frac{7}{18} + \frac{8}{20} \cdot \frac{12}{19} \cdot \frac{7}{18} + \frac{8}{20} \cdot \frac{7}{19} \cdot \frac{12}{18} = \frac{28}{95}$



$P(\text{עסקה, רשין}) = P(\text{עסקה}) + P(\text{לא עסקה, רשין}) = \frac{1}{4} \cdot 0.9 + \frac{3}{4} \cdot 0.8 = 0.825$



$P(\text{עסקה}) = 0.3 \cdot 0.3 = 0.09$   
 $P(\text{לא עסקה, עסקה}) = P(\text{עסקה}) + P(\text{לא עסקה, עסקה}) = 0.7 \cdot 0.85 + 0.3 \cdot 0.7 = 0.805$

$P(\text{עסקה, עסקה}) = P(\text{עסקה, עסקה}) + P(\text{לא עסקה, עסקה}) = 0.7 \cdot 0.15 + 0.3 \cdot 0.3 = 0.195$

$\frac{11}{(496)}$   $\therefore P(\text{עסקה}) = P(\text{עסקה, עסקה}) + P(\text{עסקה, לא עסקה}) = \frac{4}{7} \cdot \frac{3}{7} + \frac{3}{7} \cdot \frac{4}{6} = \frac{26}{49}$

$\therefore P(\text{לא עסקה}) = P(\text{לא עסקה, עסקה}) + P(\text{לא עסקה, לא עסקה}) = \frac{4}{7} \cdot \frac{3}{7} + \frac{3}{7} \cdot \frac{2}{6} = \frac{19}{49}$

$\frac{15}{(496)}$   $P(\text{עסקה}) = P(\text{עסקה, עסקה}) + P(\text{עסקה, לא עסקה}) = \frac{1}{3} \cdot \frac{1}{4} + \frac{2}{3} \cdot \frac{2}{4} = \frac{5}{12}$

$\frac{18}{(497)}$   $P(\text{עסקה}) = P(\text{עסקה, עסקה}) + P(\text{עסקה, לא עסקה}) + P(\text{עסקה, עסקה}) = \frac{2}{9} \cdot \frac{2}{9} + \frac{3}{9} \cdot \frac{3}{9} + \frac{4}{9} \cdot \frac{4}{9} = \frac{29}{81}$

$P(\text{לא עסקה}) = 1 - P(\text{עסקה}) = 1 - \frac{29}{81} = \frac{52}{81}$

$P(\text{עסקה}) = P(\text{עסקה, עסקה}) + P(\text{עסקה, לא עסקה}) + P(\text{עסקה, עסקה}) = \frac{2}{9} \cdot \frac{1}{8} + \frac{3}{9} \cdot \frac{2}{8} + \frac{4}{9} \cdot \frac{3}{8} = \frac{20}{72} = \frac{5}{18}$

$P(\text{לא עסקה}) = 1 - P(\text{עסקה}) = 1 - \frac{5}{18} = \frac{13}{18}$