$p = \text{P}(5\text{有車} \mid \text{開}6\text{且}6\text{是羊})$

$= \dfrac{\frac{1}{9} \times \frac{31}{52}}{\frac{1}{9} \times \frac{1}{8} + \frac{4}{9} \times \frac{31}{52} + \frac{1}{9} \times 0 + \frac{3}{9} \times \frac{21}{52} \times \frac{1}{6}}$

$= \frac{31}{141}$

$\text{E}(\text{增加身高}) = \sum_{i=0}^{\frac{k}{2}} (2i \times C_{\frac{k}{2}-i}^{k} \times p^{\frac{k}{2}+i}(1-p)^{\frac{k}{2}-i}) + (-1) \times \sum_{i=1}^{\frac{k}{2}} (C_{i-1}^{2i-1} \times p^{i-1}(1-p)^{i})$

$\text{ANS} = 153 + \text{E}(\text{增加身高})$