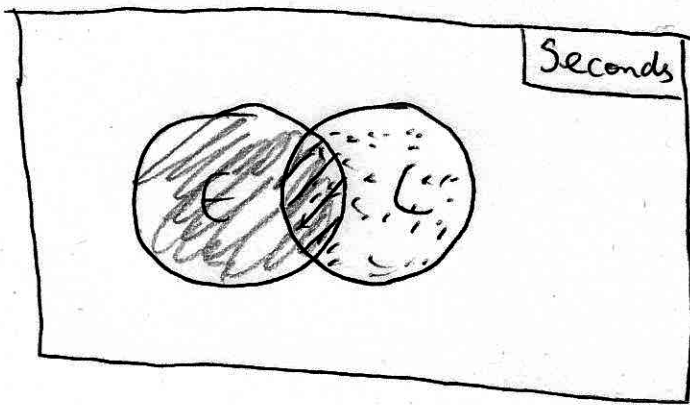


### 3) Les options



/// : 28 élèves  
●●● : 72 élèves  
///●●● : 52 élèves

$$2) P(E) = \frac{52}{320} = \frac{13}{80} \cdot \quad P(L) = \frac{72}{320} = \frac{9}{40} \cdot \quad P(E \cap L) = \frac{28}{320} = \frac{7}{80}$$

$$P(\overline{E \cap L}) = 1 - P(E \cap L) = 1 - \frac{7}{80} = \frac{73}{80} \cdot$$