Problem（VSOP＊＊＊）：Let ABC be a normal triangle，B＇the middle of AC and C＇the middle of AB．We want to place 3 special points on this triangle and prove that they are on the same line．


1．Determine and place the point I defined by the vector equation ： $2 \overrightarrow{I C^{\prime}}+\overrightarrow{I B^{\prime}}=\vec{O}$
2．Determine and place the point D defined by the vector equation ： $3 \overrightarrow{D A}+2 \overrightarrow{D B}=\vec{O}$
3．Determine and place the point E defined by the vector equation ： $2 \overrightarrow{E B}+\overrightarrow{E C}=\vec{O}$
4．Prove by using a vector equation that the 3 points $\mathrm{D}, \mathrm{I}, \mathrm{E}$ ，are on the same line．
Reminder（help ！）to prove that the 3 points are on the same line you must prove that they match a vector equation in the form of $\overrightarrow{I D}=x \overrightarrow{I E}$ where x is a real number to be found

