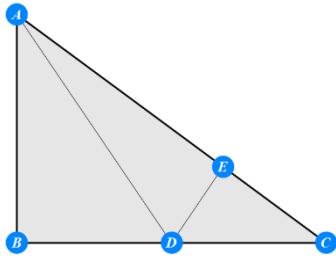


**Example 23 :** As shown in Figure 1, in  $\triangle ABC$ ,  $D$  is the midpoint of  $BC$ ,  $E$  is the trisection point of  $AC$ ,  $\angle B = 90^\circ$ , to prove:  $\angle BDA = \angle EDC$ .



Proof: Suppose  $B = 0$ ,  $3 \frac{\frac{\frac{C}{2} - C}{\frac{C}{2} - 0}}{\frac{C}{2} - A} + 4 \frac{A^2}{C^2} = 1$ .