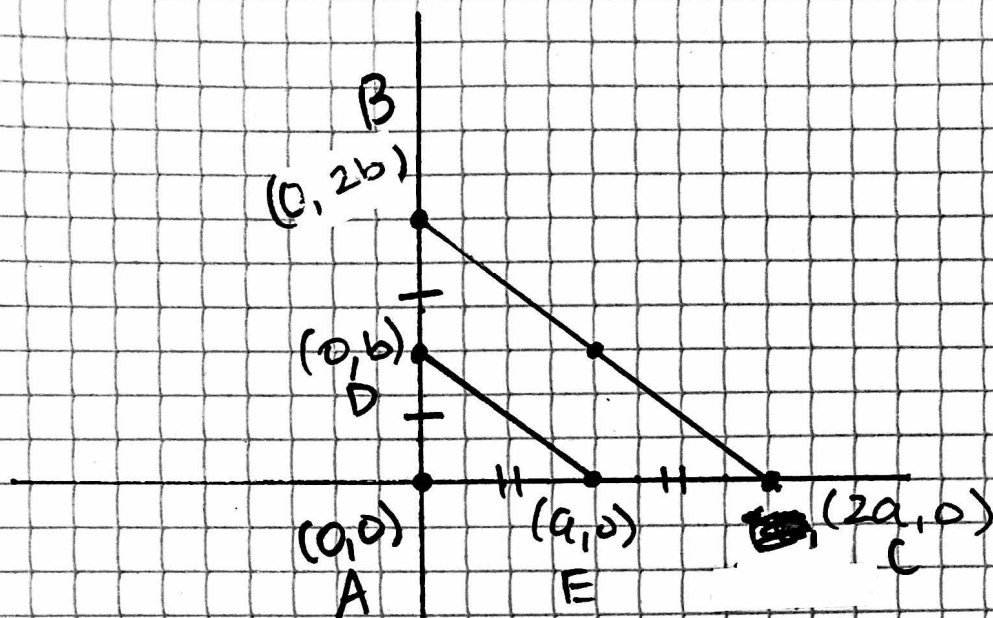




want to show:

$$\text{slope } \overline{DE} = \text{slope } \overline{BC}$$

$$\frac{b-0}{0-a} = \frac{2b-0}{0-2a}$$

$$-\frac{b}{a} = -\frac{2b}{2a}$$

$$-\frac{b}{a} = -\frac{b}{a}$$

✓