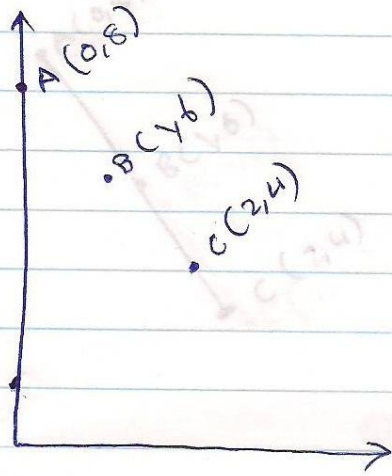




ANSWER: 2

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$$\begin{aligned}
 CA &= \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2} \\
 &= \sqrt{(2 - 0)^2 + (4 - 8)^2} \\
 &= 2\sqrt{5}
 \end{aligned}$$

$$\begin{aligned}
 BA &= \sqrt{(1 - 0)^2 + (6 - 8)^2} \\
 &= \sqrt{5}
 \end{aligned}$$

النسبة التي تقسم بها A القطعة BC

$$\frac{CA}{BA} = \frac{2\sqrt{5}}{\sqrt{5}} = 2$$