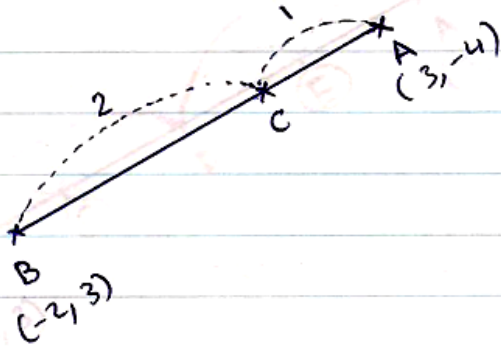


ANSWER: ① page (37)



$C = (x, y)$

$$x = \frac{mx_2 + nx_1}{m+n}$$

$$= \frac{2(-2) + 1(3)}{3} = \frac{-4+3}{3} = \frac{-1}{3}$$

$$y = \frac{my_2 + ny_1}{m+n}$$

$$= \frac{2(3) + 1(-4)}{3} = \frac{6-4}{3} = \frac{2}{3}$$

$$\therefore C = \left(-\frac{1}{3}, \frac{2}{3}\right)$$