dot product

$$\overrightarrow{A} = (1,0)$$
 $(1,0)$ $(0,1)$ $(1,0)$ $(0,1)$ $(1,0)$ $(0,1)$ $(1,0)$ $(0,1)$ $(1,0)$ $(0,1)$ $(1,0)$ $(0,1)$ $(1,0)$ $(0,1)$ $(1,0)$ $(0,1)$ $(1,0)$ $(0,1)$ $(1,0)$ $(0,1)$ $(0,1)$ $(1,0)$ $(0,1)$

$$\overrightarrow{\Delta} = (\Delta_1, \Delta_2)$$

$$\overrightarrow{b} = (\Delta_2 \cdot b_2)$$

$$\overrightarrow{\Delta} \cdot \overrightarrow{b} = \Delta_1 \Delta_2 + \Delta_2 + b_2$$

$$\vec{Q} = (Q_1, Q_2, Q_3)$$

$$\vec{C} = (C_1, C_2, C_3)$$

$$\vec{Q} \cdot \vec{C} = Q_1C_1 + Q_2C_2 + Q_3C_3$$

$$\vec{Q} \cdot \vec{C} = Q_1C_1 + Q_2C_2 + Q_3C_3$$

$$\vec{Q} \cdot \vec{C} = Q_1C_1 + Q_2C_2 + Q_3C_3$$

$$\vec{Q} = (4.7)$$
 $\sqrt{(4-0)^2 + (7-0)^2}$ $(\vec{Q}) = 371 = ?$

$$(2,4)^{\frac{2}{2}} (5,6)$$

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$$(4+16-\sqrt{25+3}6^{9}+4)$$

$$=\sqrt{13}$$

$$\vec{a} \cdot \vec{b} = (a_1, b_1) \cdot (a_2, b_2) = a_1 a_2 + b_1 b_2$$

$$= [\vec{a} | \cdot | \vec{b}] \cdot \cos 0$$

$$\vec{a} \cdot \vec{b} + oletical 0$$

$$= (30)^{\circ} = 0$$

$$= (340)^{\circ} = 0$$

$$\vec{a} = (-1,2)$$
 20 = (2,1)

$$2x + y = 5$$
 - (1)
 $2x - y = 3$ - (2)
 (x, y) = $x = 3$
 $x = 8$
 $x = \frac{9}{3} - y = 3$
 $x = \frac{9}{3} - 3 = -\frac{1}{3}$

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$$\frac{1}{3} \left(\frac{2}{1} \right) + \frac{1}{3} = \left(\frac{5}{3} \right)$$

$$-\frac{1}{3} \times 2 + \frac{8}{3} = 5 -\frac{1}{3} \times 1 + \frac{9}{3} \times (-1) = 3$$

$$2x+y-2z=3-0$$

$$4x+2y-5z=7-2$$

$$x-y+6z=4-3$$

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1/3×2 -1/3+2 = 3

 $\frac{22-19}{3}+6=\frac{9}{3}=3$