

السؤال الاول

(P) 11

> C

> 12

C) 11

$$\frac{\sum_{i=1}^n (x_i + c)^2 - (x_i - c)^2}{(x_i + c) + (x_i - c)}$$

$$= \sum_{i=1}^n (x_i + c) - \sum_{i=1}^n (x_i - c)$$

$$= \frac{\sum_{i=1}^n (x_i + c) - \sum_{i=1}^n (x_i - c)}{2} = 2c$$

$$C) \text{ هنا } \frac{1 - \sqrt{1 - 2c}}{2} + 1 \text{ هنا } \frac{1 - \sqrt{1 - 2c}}{2}$$

$$\text{هنا } \frac{1 - \sqrt{1 - 2c}}{2} \times \frac{1}{2} + 1 \text{ هنا } \frac{1 - \sqrt{1 - 2c}}{2} \times \frac{1}{2}$$

$$- 2c \times \frac{1}{2} + - 2c \times \frac{1}{2} = -2c$$

10.5
الطالقات

$$\left. \begin{aligned} c > r \Rightarrow | \sqrt{c^2 + r^2} | \\ c < r \Rightarrow | \sqrt{c^2 + r^2} | \\ c = r \Rightarrow | \sqrt{c^2 + r^2} | \end{aligned} \right\} = c(1)$$

(1) $c > r$ \Rightarrow $\sqrt{c^2 + r^2} = c$

(2) $c < r$ \Rightarrow $\sqrt{c^2 + r^2} = r$

$$(1) \quad \overline{c} = \overline{c} = \sqrt{c^2 + r^2} \quad \begin{matrix} \text{لي} \\ \text{ت} \end{matrix}$$

$c = r$ \Rightarrow $\overline{c} = \overline{c}$

$$\overline{c} = \sqrt{c^2 + r^2} \quad \begin{matrix} \text{لي} \\ \text{ت} \end{matrix} \neq \overline{c} = \sqrt{c^2 + r^2} \quad \begin{matrix} \text{لي} \\ \text{ت} \end{matrix}$$

$c < r$ \Rightarrow $\overline{c} = \overline{r}$

$$(2) \quad \overline{c} \neq \overline{c} = \sqrt{c^2 + r^2} \quad \begin{matrix} \text{لي} \\ \text{ت} \end{matrix}$$

$c = r$ \Rightarrow $\overline{c} = \overline{c}$

$\{c\} / (1, 1) \Rightarrow$ $\overline{c} = \overline{c}$

(1) c

(2) c

(3) c

(4) c

(ع:س)

$$\frac{\sqrt{v}}{1+v} \text{ نفها سعا}$$

$$1-v$$

$$\frac{(1+v) - \sqrt{2}c}{\sqrt{2}c} \text{ نفها سعا}$$

$$\frac{cx(1+v)(1-v)}{1-vc - c_s - v^2}$$

$$1-vc - c_s - v^2$$

نفها سعا

$$\frac{cx(1+v)(1-v)}{cx(1+v)(1-v)}$$

نفها سعا

$$\frac{(1+vc - c_s)}{cx(1+v)(1-v)}$$

• =

$$\frac{(1-v)(1-v)x - \sqrt{2}c}{cx(1+v)(1-v)}$$

$\frac{v}{c} = \frac{v}{c} \left(\frac{c}{c} \right)$
 $\frac{v}{c} = \frac{v}{c} \left(\frac{c}{c} \right)$
 $\frac{v}{c} = \frac{v}{c} \left(\frac{c}{c} \right)$

$$\frac{v - ct}{c(c+v)} = \frac{v}{c} \frac{c}{c+v}$$

$$\frac{c}{c+v} = \frac{v}{c} \frac{c}{c+v}$$

$$\frac{v}{c} = (c+v) \frac{v}{c}$$

$$\frac{c}{v} = \frac{c}{c+v} \frac{c}{v}$$

$$\frac{c}{v} \frac{v}{c} = \frac{c}{c+v} \frac{c}{v}$$

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1510112: d)

$$\begin{aligned} \alpha_1 &= (1+\beta^2) \times 3 \times \frac{1}{\sqrt{3}} + \frac{1}{\sqrt{3}} \\ \alpha_2 &= (1+\beta^2) \times 3 \times \frac{1}{\sqrt{3}} - \frac{1}{\sqrt{3}} \\ \alpha_3 &= (1+\beta^2) \times 3 \times \frac{1}{\sqrt{3}} + \frac{1}{\sqrt{3}} \\ \alpha_4 &= (1+\beta^2) \times 3 \times \frac{1}{\sqrt{3}} - \frac{1}{\sqrt{3}} \end{aligned}$$

$$\begin{aligned} \bullet &= \alpha + \beta + \gamma - \delta \\ \bullet &= \alpha - \beta + \gamma - \delta \\ (\alpha + \beta) &= (\gamma - \delta) \\ \alpha &= \beta \\ \gamma &= \delta \end{aligned}$$

~~1510112: d)~~

$$\begin{aligned} \alpha + \beta + \gamma - \delta &= 1 \\ \alpha - \beta + \gamma - \delta &= 1 \\ \alpha + \beta &= 1 - \gamma + \delta \\ \alpha - \beta &= 1 - \gamma + \delta \end{aligned}$$

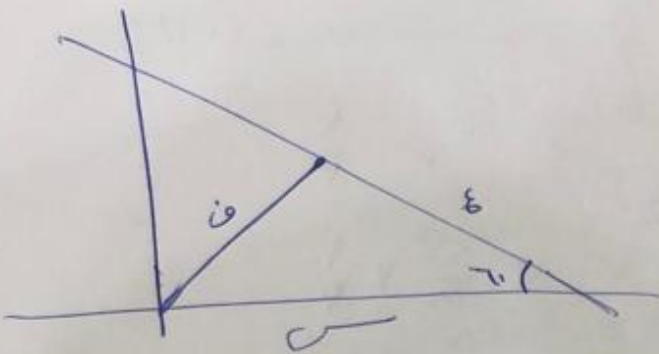
$$\begin{aligned} \alpha + \beta &= (1 - \gamma) + \delta \\ \alpha + \beta &= 1 - \gamma + \delta \end{aligned}$$

$$\alpha = \beta$$

$$P = 11 = (1-3) \times 2 = 10$$

$$P = \frac{1}{2} (\alpha + \beta) + \frac{1}{2} (\gamma + \delta) = 10$$

(P. 2)



$$f = \sqrt{6^2 + 8^2 + 10^2} = 10$$

رنگ

~~تجربا~~

$$\frac{6}{10} = \frac{6}{10}$$

$$\frac{8}{10} = \frac{8}{10}$$

$$\frac{10}{10} = 1$$

$$g = \sqrt{6^2 + 8^2 + 10^2} = 10$$

$$h = \sqrt{6^2 + 8^2 + 10^2} = 10$$

$$\frac{6}{10} + \frac{8}{10} + \frac{10}{10} = \frac{24}{10}$$

$$\sqrt{6^2 + 8^2 + 10^2} = 10$$

$$\frac{6 \times 10 + 8 \times 10 + 10 \times 10}{10} = 24$$

$$\frac{24}{10} = \frac{12}{5} = \frac{2.4}{1} = \frac{2.4}{1}$$

$$r = 1 \quad (p = 0)$$

$$p = c$$

(د)

$$p = c \times \frac{1}{c} = p$$

$$p = c + \text{نقہ } c$$

$$3c = c + \text{نقہ } c$$

$$\text{نقہ } c = (c + 0) = 3c$$

$$c - \frac{3c}{3} = 0$$
~~$$c + 0 = 3c$$~~

$$p = \frac{1}{c} \text{ نقہ } c \left(c - \frac{3c}{3} \right)$$

$$c + \text{نقہ } c - \text{نقہ } c = c$$

$$c - 1c = 0$$

$$c - 1c = 0$$

$$c = \text{نقہ } c$$

$$c = \text{نقہ } c$$

