

$$\frac{u^2}{(1+u)^2} = \frac{u^2}{(1+u)^2} \cdot \frac{1}{1} = \frac{u^2}{(1+u)^2} \cdot \frac{1}{1}$$

$$1 = |x| = \frac{1}{1} \times \frac{u^2}{(1+u)^2} = \frac{u^2}{(1+u)^2}$$

$$1 = |-x| = \frac{1}{1} \times \frac{u^2}{(1+u)^2} = \frac{u^2}{(1+u)^2}$$

$$\frac{(u^2 - 3) - (u^2 - 3)}{u - 3} = \frac{u^2 - 3}{u - 3}$$

$$\left(\frac{u^2}{u-3} - \frac{3}{u-3}\right) - \frac{u^2 - 3}{u-3} = \frac{u^2}{u-3} - \frac{3}{u-3} - \frac{u^2 - 3}{u-3}$$

$$\frac{u^2}{u-3} - \frac{3}{u-3} + \frac{u^2 - 3}{u-3} = \frac{u^2 - 3 + u^2 - 3}{u-3} = \frac{2u^2 - 6}{u-3}$$

$$\frac{1}{(u-3)} \times \frac{u^2 - 3}{u-3} = \frac{u^2 - 3}{(u-3)^2}$$

$$\frac{1}{(u-3)} \times \frac{u^2 - 3}{u-3} = \frac{u^2 - 3}{(u-3)^2}$$

$$\frac{1}{u-3} + u-3 = \frac{9}{(u-3)^2} + u-3$$

$$\frac{u-3}{u-3} \times \frac{u-3}{u-3} = \frac{u-3}{u-3}$$

$$\frac{u-3}{1+u^2} \times \frac{u-3}{u-3} = \frac{u-3}{u-3}$$

$$\frac{u-3}{1+u^2} \times (u-3) = \frac{u-3}{u-3}$$

$$r = 2b = u \leftarrow 1 = d \text{ (مساوية)}$$

$$\textcircled{P} 1A = \frac{u^2}{2} = \frac{7}{2b} \times 1r = \frac{u^2}{u}$$

من غير متساوية عند u = 1

u=1, b=1, r=1

1 + 1 + 1 = 3

1 ≠ 3

∴ من غير متساوية عند u = 1

أبسط (P.3) ∅

$$(1+u)^2 \times \frac{1}{(1+u)^2} = 1 \times 1 = 1$$

$$\frac{(u^2 - 3) - (u^2 - 3)}{(u-3)(u-3)} \times \frac{1}{(u-3)(u-3)} = \frac{u^2 - 3}{(u-3)^2}$$

$$\frac{(u^2 - 3) - (u^2 - 3)}{(u-3)(u-3)} \times \frac{1}{(u-3)(u-3)} = \frac{u^2 - 3}{(u-3)^2}$$

$$1 - \frac{u^2 - 3}{(u-3)^2} = \frac{u^2 - 3}{(u-3)^2}$$

$$(1 + \frac{u^2 - 3}{(u-3)^2}) \times 1 = \frac{u^2 - 3}{(u-3)^2}$$

$$2A + (97 + \dots) \times 1 = \dots$$

$$123 = 2A + 97$$

(س)

$$\frac{(u^2 - 3) - (u^2 - 3)}{(u-3)(u-3)} \times \frac{1}{(u-3)(u-3)} = \frac{u^2 - 3}{(u-3)^2}$$

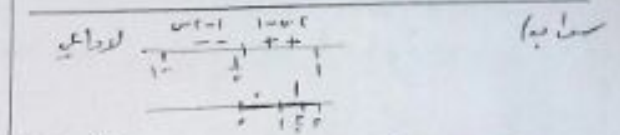
$$\frac{(u^2 - 3) - (u^2 - 3)}{(u-3)(u-3)} \times \frac{1}{(u-3)(u-3)} = \frac{u^2 - 3}{(u-3)^2}$$

$$= \frac{9 - (u^2 - 3) + (u^2 - 3) - 9}{(u-3)^2} = \frac{9 - u^2 + 3 + u^2 - 3 - 9}{(u-3)^2} = \frac{-9}{(u-3)^2}$$

$$(1 + \frac{u^2 - 3}{(u-3)^2}) \times \frac{1}{(u-3)(u-3)} = \frac{u^2 - 3}{(u-3)^2}$$

$$= \frac{9 - (u^2 - 3) + (u^2 - 3) - 9}{(u-3)^2} = \frac{-9}{(u-3)^2}$$

$$1 = \frac{9}{(u-3)^2} = P$$



$$1 \geq u \geq 1 \rightarrow \frac{u-1}{u-1} = 1$$

$$\frac{u-1}{(u-1)(u-1)} = \frac{1}{u-1}$$

$$\frac{1}{1} = \frac{1}{1} - 1 = \frac{1}{1} - |1 - 1| = (1) \text{ (1)}$$

$$\textcircled{2} \frac{(u-1)}{(1+u)(1-u)} = \frac{u-1}{(1+u)(1-u)}$$

$$\frac{(1+u)(u-1)}{(1+u)(1-u)} = \frac{u-1}{1-u}$$

$$\frac{1}{1} = 1 \times \frac{1}{1} = \frac{u-1}{u-1}$$

$$\frac{1}{1} = \frac{u-1}{u-1} - 1 - u-2 = \frac{u-1}{u-1} - 1 - u-2$$

من غير متساوية عند u = 1

الموازن

الموازن

$$\textcircled{1} \frac{(u-1)}{(1+u)(1-u)} = \frac{1}{(1+u)(1-u)}$$

$$\frac{(u-1)}{(1+u)(1-u)} \times \frac{1}{(1+u)(1-u)} = \frac{1}{(1+u)(1-u)}$$

$$\textcircled{2} 1 = \frac{1}{1} = \frac{1}{1}$$

$$r = \frac{1}{2} = \frac{1}{2}$$

يَقَطُّ بِالنِّسْبَةِ كَوْنَهُ لِحَدَادَاتِهَا ...

$$4\pi^2 - 2\pi^2 = 2\pi^2$$

$$(2\pi^2) \pi = 2\pi^3$$

$$\pi = 2\pi^3 \text{ أو } \pi = 2\pi^3$$

$$\pi = 2\pi^3 \quad | \quad \pi = 2\pi^3$$

لِذَلِكَ نَقُولُ نَقَطُّ بِالنِّسْبَةِ كَوْنَهُ لِحَدَادَاتِهَا ...

$$4\pi^2 - 2\pi^2 = 2\pi^2$$

$$(7 - 4\pi^2) \pi = \frac{3}{2}$$

$$\frac{3}{2} = \frac{3}{2} \pi$$

$$\frac{1}{\pi} = \frac{3}{2} = \frac{3}{2} = \frac{3}{2} = \frac{3}{2} = \frac{3}{2}$$

$$(1 - \pi) \frac{1}{\pi} = \dots = \frac{1}{\pi}$$

$$\frac{1}{\pi} = \frac{3}{2} = \frac{3}{2} = \frac{3}{2} = \frac{3}{2} = \frac{3}{2}$$

$$(1 - \pi) \frac{1}{\pi} = 2 - \pi$$

$$3 + \pi \frac{1}{\pi} = \pi$$



$$\frac{1}{2} = \frac{3\pi^2}{5}$$

$$\pi = 3$$

$$(4\pi - 1) + \pi = \pi$$

$$4\pi - 1 + 1 - 1 = (4\pi - 1) - 1 = 4\pi - 2$$

$$4\pi - 2 = 2$$

$$(4\pi - 2) \pi = 2\pi = 2$$

$$4\pi^2 - 2\pi^2 = 2$$

$$\frac{4\pi^2 - 2\pi^2}{\pi} = \frac{2\pi^2}{\pi} = 2$$

$$\frac{1}{2} = 2 \times \frac{1}{2} = \pi$$

$$\frac{1}{2} = \frac{1}{2} = \frac{1}{2} = \frac{1}{2} = \frac{1}{2}$$

$$\frac{1}{2} = \frac{1}{2} = \frac{1}{2} = \frac{1}{2} = \frac{1}{2}$$

$$2 = 2\pi = 2\pi = 2\pi = 2\pi = 2\pi$$

$$\frac{1}{2} = 2 \times 2 \times (1) = 4$$

$$\textcircled{5} \frac{1}{11} = \frac{1}{11} = \frac{1}{11} = \frac{1}{11} = \frac{1}{11}$$

$$\pi^3 = \pi^3 = \pi^3 = \pi^3 = \pi^3$$

$$\pi^2 + \pi^2 = 2\pi^2$$

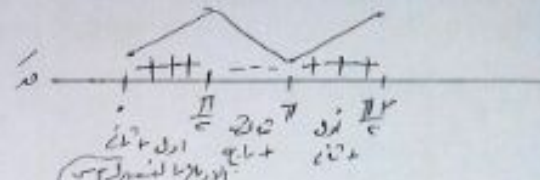
$$\pi^2 + \pi^2 = 2\pi^2$$

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$$\pi^2 + \pi^2 = 2\pi^2$$

$$\pi^2 + \pi^2 = 2\pi^2$$



مِنْ مَتْرَابِ ...

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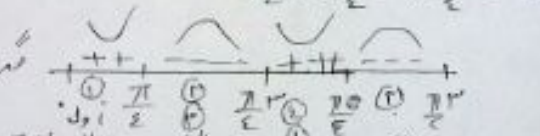
$$\frac{1}{2} = \frac{1}{2} + 1 = 1 - \frac{1}{2} - 1 = \dots$$

$$\frac{1}{2} = \frac{1}{2} - 1 = 1 - \frac{1}{2} - 1 = \dots$$

$$\frac{1}{2} = \frac{1}{2} = \frac{1}{2} = \frac{1}{2} = \frac{1}{2}$$

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$$\frac{1}{2} = \frac{1}{2} = \frac{1}{2} = \frac{1}{2} = \frac{1}{2}$$

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انگازدهان

۲۰۱۸ ۳۳۰/۳۰۰

① بر حسب  $\epsilon$

$$= (1 - \epsilon)^2 (\epsilon - \epsilon) \epsilon + (\epsilon - 1)^2 (\epsilon - \epsilon) \epsilon$$

$$= \epsilon^2 (\epsilon - \epsilon) \epsilon - \epsilon^2 (\epsilon - \epsilon) \epsilon + \epsilon^2 (\epsilon - \epsilon) \epsilon - \epsilon^2 (\epsilon - \epsilon) \epsilon$$

$$\epsilon^2 (\epsilon - \epsilon) \epsilon - \epsilon^2 (\epsilon - \epsilon) \epsilon = \epsilon^2 (\epsilon - \epsilon) \epsilon - \epsilon^2 (\epsilon - \epsilon) \epsilon$$

$$\epsilon^2 (\epsilon - \epsilon) \epsilon - \epsilon^2 (\epsilon - \epsilon) \epsilon = (\epsilon^2 (\epsilon - \epsilon) \epsilon - \epsilon^2 (\epsilon - \epsilon) \epsilon)$$

②  $1 = \epsilon$

③  $\epsilon \delta - \epsilon \delta = (\epsilon) \delta$

$$\epsilon \delta - \delta = (\epsilon) \delta$$

$$\epsilon \delta - \delta = .3$$

$$\delta = .3$$

$$.3 \frac{\epsilon}{\delta} = (\epsilon) \delta$$

$$.3 \frac{\epsilon}{.3} = \epsilon - .3 \delta$$

$$\epsilon = \epsilon - .3 \delta$$

④  $7 = \delta \leftarrow \epsilon = \delta \frac{1}{4}$

طریقه آخره کل برین  $\delta$

(۱)  $\delta \times \delta = (1) \delta + (1) \delta \times (1) \delta$

$$9 = (1) \delta + \frac{17}{4} = (1) \delta$$

$$7 = (1) \delta \leftarrow \delta = 7$$

⑤  $\delta \times \delta \frac{1}{4} - \delta \times \delta \frac{1}{4} = (1) \delta$

$$\frac{7 \times 9}{4} = \frac{7 \times 17}{4} - \delta \times \delta \frac{1}{4} = (1) \delta$$

$$\frac{15 \delta}{4} =$$

$$\frac{15 \delta}{4} \times \delta + \delta \times \frac{17}{4} = (1) \delta$$

$$15 \delta = 15 \delta + 17 =$$

بر حسب  $\delta$



$\delta \times \delta \frac{1}{4} = \delta$

⑥  $\delta \times \delta = \delta$

$$\delta \times \delta \frac{1}{4} = \delta$$

$$\delta \times \delta \frac{1}{4} = \delta \frac{1}{4}$$

⑦  $\delta \times \delta = \delta$

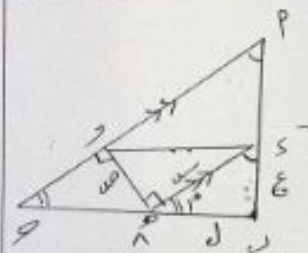
$$\delta \times \delta = (\delta \times \delta) \frac{1}{4}$$

$$\delta \times \delta \frac{1}{4} = \delta \times \delta \frac{1}{4} - \delta$$

$$\delta \times \delta \frac{1}{4} = \delta \times \delta \frac{1}{4} - \delta$$

⑧  $\frac{\delta \times \delta - \delta}{\delta \times \delta} = \frac{\delta \times \delta - \delta}{\delta \times \delta} = \delta$

⑨  $\delta \times \delta - \delta \times \delta = \delta$



⑩  $\delta \times \delta \frac{1}{4} = \delta$

⑪  $\frac{\delta}{\delta} = \delta$

⑫  $\frac{\delta}{\delta - \delta} = \delta$

⑬  $\frac{\delta}{\delta - \delta} = \frac{\delta}{\delta}$

$(\delta - \delta) \delta = \delta$

ایضا  $\delta \times \delta \frac{1}{4} = \delta$

$\delta = \delta \frac{1}{4} \leftarrow \delta = \frac{7}{8}$

$(\delta - \delta) \delta \frac{1}{4} = \delta$

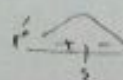
$\delta \frac{1}{4} - \delta = \delta$

$(\delta \frac{1}{4} - \delta) \frac{1}{4} = \delta \times \delta \frac{1}{4} = \delta$

$\delta \frac{1}{4} - \delta = \delta$

$\delta \frac{1}{4} - \delta = \delta$

$\delta = \delta \leftarrow \delta = \frac{7}{8} \leftarrow \delta \frac{1}{4} = \delta$



$17 \times \frac{7}{8} - \delta \times \delta = \delta$

$7 = 7 - 15 = \frac{20}{8} - 15$