



$$\left. \begin{array}{l} \text{س}^3, > \text{س} \\ \text{صفر}, \leq \text{س} \end{array} \right\} = \text{س} \quad ()$$

$\frac{20}{3} = \frac{132 - (12 + s)}{18 - (12 + s)}$

$$\begin{aligned} & \text{ج} + \frac{\text{ك}}{\text{س}} = (\text{س}) \quad () \\ & \text{ج} + \frac{\text{ك}}{\text{س}} = \text{ج} + \frac{\text{ك}}{\text{س}} \quad () \end{aligned}$$

$$= \frac{(4)u - (2 + 4)u}{h} \leftarrow \frac{2}{3}$$

ف = p^{n+2} ()

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() لو (س + ص) = ص + ص = $\frac{ص}{ص}$

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$1 = (3-)\cup, 4 = (3-)' \cup, 2 = (\frac{1}{2})' \cup, 3- = (\frac{1}{2}) \cup, (\frac{1}{2})(\cup \circ \cup) = \cup$

الحل :

$1 = (3-)\cup = ((\frac{1}{2}) \cup) \cup = (\frac{1}{2})(\cup \circ \cup) = \cup \leftarrow 2 = \cup$

(1, 2) :

$\frac{1}{2} \times (\frac{1}{2})' \cup \times ((\frac{1}{2}) \cup)' \cup = \frac{5}{2}$

$2- = \frac{1}{2} \times 4 = \frac{1}{2} \times 2 \times (3-)' \cup = \frac{1}{2} \times (\frac{1}{2})' \cup \times ((\frac{1}{2}) \cup)' \cup = \frac{5}{2}$

$(\cup - \cup) = \cup - \cup = \cup$

$\cup - 1 = (2-)\cup \leftarrow \cup - 2 = \cup$

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الحل :

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$$: \quad \text{س} + \text{ظا}(\text{س ص}) = 0 \quad : \quad \text{ص}' = \frac{1-}{\text{س}} \left(\frac{1}{\text{س} + 1} + \text{ص} \right)$$

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الحل :

$$\begin{aligned} &: \\ &1 + \text{قا}^2(\text{س ص}) \times (\text{س} \times \text{ص}' + \text{ص}) = 0 \\ &\text{س قا}^2(\text{س ص}) \text{ص}' + \text{ص قا}^2(\text{س ص}) = 1 - \\ &\text{س قا}^2(\text{س ص}) \text{ص}' = 1 - \text{ص قا}^2(\text{س ص}) \\ &\text{ص}' = \frac{1 - \text{ص قا}^2(\text{س ص})}{\text{س قا}^2(\text{س ص})} = \frac{\text{ص قا}^2(\text{س ص})}{\text{س قا}^2(\text{س ص})} - \frac{1 -}{\text{س قا}^2(\text{س ص})} \\ &\text{ص}' = \frac{1 -}{\text{س} + \frac{1}{\text{س} + 1}} \left(\frac{1-}{\text{س}} \right) = \frac{1 -}{\text{س} + \frac{1}{\text{س} + 1}} \left(\frac{1-}{\text{س}} \right) = \text{ص}' \end{aligned}$$

$$: \quad \text{ن}(\text{س}) = \text{لو}^2(\text{س}) - \text{لو}(\text{س} - 1), \quad \text{س} < 1$$

$$[2, 4] \quad \frac{1}{3} \text{ لو}^{\frac{25}{9}}$$

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الحل : على الرابط التالي

<https://youtu.be/gcrrrjuxKHY>