

$$\frac{1}{r} = \frac{2}{s} = (0) \text{ قدیم} = \frac{2}{s-2} = \frac{2}{s-2}$$

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$$\frac{2}{r} = \frac{2}{s} = (0) \text{ قدیم} = \frac{2}{s-2} = \frac{2}{s-2}$$

$$\frac{7-s+3}{9-s} = \frac{7-s+3}{9-s}$$

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$$\frac{1+s}{r(s+1)} = \frac{1+s}{r(s+1)}$$

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$(5) \quad \sqrt{x+1} + \sqrt{x-1} = \sqrt{x^2-1}$
 لنقسم الطرفين
 $\sqrt{x-1} + 1 = \sqrt{x}$
 $\sqrt{x-1} - \sqrt{x} = -1$
 $\sqrt{x-1} - \sqrt{x} \geq -1$
 $\sqrt{x-1} \geq \sqrt{x} - 1$
 $\sqrt{x-1} + 1 \geq \sqrt{x}$
 $\sqrt{x-1} + 1 \geq \sqrt{x}$
 $\sqrt{x-1} + 1 \geq \sqrt{x}$
 $(x-1) + 2\sqrt{x-1} + 1 \geq x$
 $2\sqrt{x-1} \geq x - x + 1 - 1$
 $2\sqrt{x-1} \geq 0$

$(5) \quad \sqrt{x+1} + \sqrt{x-1} = \sqrt{x^2-1}$
 $\sqrt{x-1} + 1 = \sqrt{x}$
 $\sqrt{x-1} - \sqrt{x} = -1$
 $\sqrt{x-1} - \sqrt{x} \geq -1$
 $\sqrt{x-1} \geq \sqrt{x} - 1$
 $\sqrt{x-1} + 1 \geq \sqrt{x}$
 $\sqrt{x-1} + 1 \geq \sqrt{x}$
 $\sqrt{x-1} + 1 \geq \sqrt{x}$
 $(x-1) + 2\sqrt{x-1} + 1 \geq x$
 $2\sqrt{x-1} \geq x - x + 1 - 1$
 $2\sqrt{x-1} \geq 0$

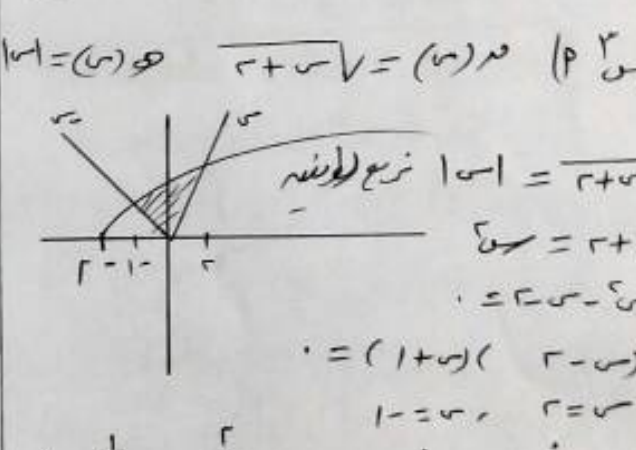
$(2) \quad 1 \pm \sqrt{x} = 1 - \sqrt{x}$
 $\sqrt{x} = 0$
 $x = 0$
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$(2) \quad \sqrt{x+1} + \sqrt{x-1} = \sqrt{x^2-1}$
 $\sqrt{x-1} + 1 = \sqrt{x}$
 $\sqrt{x-1} - \sqrt{x} = -1$
 $\sqrt{x-1} \geq \sqrt{x} - 1$
 $\sqrt{x-1} + 1 \geq \sqrt{x}$
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 $\sqrt{x-1} + 1 \geq \sqrt{x}$
 $(x-1) + 2\sqrt{x-1} + 1 \geq x$
 $2\sqrt{x-1} \geq x - x + 1 - 1$
 $2\sqrt{x-1} \geq 0$

$(2) \quad \sqrt{x+1} - \sqrt{x-1} = \sqrt{x^2-1}$
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$(3) \quad \sqrt{x+1} - \sqrt{x-1} = \sqrt{x^2-1}$
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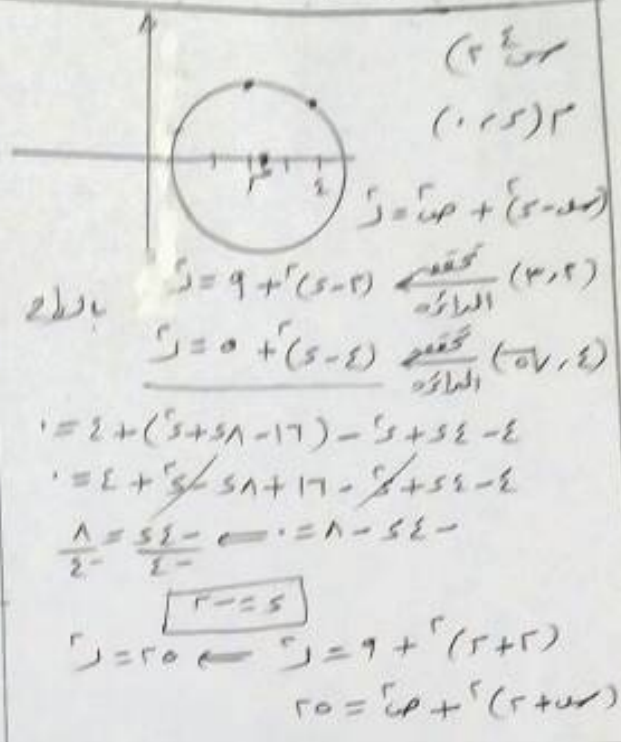


$\sqrt{x+1} - \sqrt{x-1} = \sqrt{x^2-1}$
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$u + r = p \leftarrow r = u - p \Rightarrow \varepsilon = u - p$
 $u + \varepsilon = p$ لكن $u + \varepsilon = p$
 $(\frac{15}{9}) + \varepsilon = (u + p)$
 $\varepsilon \times (\frac{15}{9} + \varepsilon = u + p)$
 $15\varepsilon = 9u + 9\varepsilon$
 $6\varepsilon = 9u$
 $2\varepsilon = 3u$
 $u = \frac{2\varepsilon}{3}$
 $3 = u - p$
 $0 = 3 + r = p$
 $1 = \frac{u}{9} + \frac{p}{90}$

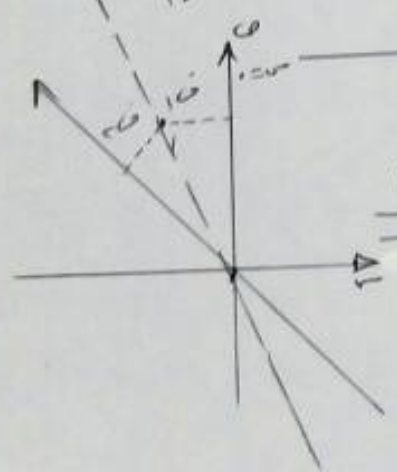
بالقسط التكريرية
تجد معادله التكريرية
غيرها سالكه ...



$\frac{u}{9} = \frac{p}{9} \leftarrow u \times 9 = p$
 $u + p = 9$
 $\frac{u}{9} + p = 9 \leftarrow (\frac{u}{9}) + p = 9$
 $\frac{1}{9} = \frac{p}{9} \leftarrow \frac{1}{9} = \frac{p}{9}$

$u + n = 0 \quad 1 + n + r = u$
 $r = 2 - u$
 $1 + n + 2 - u = u$
 $1 + n - u = u$
 $1 + n = 2u$
 $1 + n - u = 1 + u - u$
 $1 + n - u = 1$
 $n - u = 0$
 $n = u$

$\frac{u}{9} = \frac{p}{9} \leftarrow \frac{u}{9} = \frac{p}{9}$
 $1 = \frac{u}{9} - \frac{p}{9} \leftarrow 1 = \frac{u - p}{9}$
 $\frac{1}{9} = u - p$
 $\frac{1}{9} = u$
 $\frac{1}{9} = p$



$\frac{u}{9} = \frac{p}{9}$
 $\frac{1}{9} = \frac{p}{9}$
 $1 = \frac{u - p}{9}$
 $9 = u - p$
 $u = p + 9$
 $9 = p + 9 - p$
 $9 = 9$

$\frac{u}{9} = \frac{p}{9}$
 $\frac{1}{9} = \frac{p}{9}$
 $1 = \frac{u - p}{9}$
 $9 = u - p$
 $u = p + 9$
 $9 = p + 9 - p$
 $9 = 9$

لأنه التكريرية
الزيادة بين التكريرية
وهو هنا متساوية
معادله (٥) سالكه

