

ملینا کایر

$$1) r^+ \rightarrow r \times [r^-] + a[0^+] = r$$

$$r = r - a \quad \left[\frac{r}{r} \right] = \left[\frac{0}{r} \right]$$

$$r^- \rightarrow r \times [r^+] + a[0^-] = r - a$$

$$2) \left[r \times \frac{1}{r} - -1 \right] = \left[1 - -1 \right] = \left[- \right]$$

$$3) \left[r \times \left(-\frac{1}{r} \right) + \frac{1}{r} \right] = \left[-\frac{1}{r} + \frac{1}{r} \right] = \left[0 \right]$$

$$4) x < -\frac{1}{r} \rightarrow x^2 < \frac{1}{r^2} \rightarrow \frac{1}{x^2} > r^2$$

$$\frac{10x - 2 - 11}{14m + 1} = \frac{1}{6} = -\infty$$

شد

$$5) \frac{\sin^2 \pi x}{1 + \cos \pi x} = \frac{1 - \cos^2 \pi x}{1 + \cos \pi x} = \frac{(1 - \cos)(1 + \cos)}{(1 + \cos)}$$

$$\frac{0}{0} \quad 1 - \cos \pi x \rightarrow 1 + 1 = 2$$

$$6) \frac{r_n \times r - r_n - r}{1 + r} \times \frac{r}{r} = -\frac{r}{r}$$

شد

$$7) \frac{(\sqrt{x} - 1)(2\sqrt{x} - 1)}{x - \sqrt{x} + 1} \times \frac{\text{مخرج}}{\text{مخرج}} = \frac{(\sqrt{x} - 1)(2\sqrt{x} - 1)}{x - \sqrt{x} + 1}$$

$$\frac{f(2\sqrt{x} - 1)}{(x+1)(\sqrt{x}+1)} = \frac{f(-1)}{2 \times 2} = \frac{f(-1)}{4} = \frac{(-1)^2 (x-1)}{(\sqrt{x}-1)(\sqrt{x}+1)}$$

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Scanned with

$$1) \frac{a + \sqrt{b^2 + c}}{a} = \frac{1}{r} \rightarrow \frac{b}{r\sqrt{b^2 + c}} = \frac{1}{r}$$

$$\rightarrow a + \sqrt{c} = 0 \rightarrow a = -\sqrt{c} \rightarrow \frac{b}{r\sqrt{c}} = \frac{1}{r} \rightarrow rb = \sqrt{c}$$

$$\cancel{rb} \quad rb = \sqrt{c} = -a \rightarrow \frac{ab}{c} = -\frac{rb \times b}{rb^2} = \boxed{-\frac{1}{r}}$$

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$$a) \frac{r+k(-r)}{0^-} = +\infty \quad r - rk < 0 \rightarrow k > r$$

$$\} \rightarrow \frac{r}{r} < k < r$$

$$\frac{r+k(-r)}{0^+} = +\infty$$

$$r - rk > 0 \rightarrow k < \frac{r}{r} \quad [-k] = +\infty$$

$$10) \xrightarrow{\text{بداية من } 0} \Delta a - b = 0 \rightarrow \Delta a = b$$

$$\frac{\frac{b}{r\sqrt{2r}}}{\frac{r\sqrt{r} + \sqrt{2}}{a}}$$

$$\rightarrow \frac{b}{r\Delta a} = \frac{\Delta a}{r\Delta a} = \frac{1}{r}$$

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