

$$-r^+ \rightarrow \left[ \frac{r^-}{r} \right] + 0 = 1$$

$$\Rightarrow 1 = r - a \Rightarrow a = 1$$

$$-r^- \rightarrow \left[ \frac{r^+}{r} \right] + (0 - a) = r - a$$

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

$$[r \sin x - 1] \cdot [r \times \frac{1}{r} - 1] = [1 - 1] = [0] = -1$$

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$$\lim_{x \rightarrow \frac{1}{r}} [1x^{\frac{1}{r}} - x] = [-1 + \frac{1}{r}] = [-\frac{1}{r}] = -1$$

(۳)

$$-\frac{1}{r} > x \Rightarrow \frac{1}{r} < x^r \Rightarrow r > \frac{1}{x^r} \Rightarrow 1^r > \frac{r}{x^r}$$

(۴)

$$r > \frac{1}{x^r} \Rightarrow -r < -\frac{1}{x^r} \Rightarrow -1 < -\frac{r}{x^r}$$

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$$\Rightarrow \lim_{x \rightarrow (\frac{1}{r})^-} \frac{10x - 2 + \left[ \frac{r}{x^r} \right]}{14x - \left[ -\frac{r}{x^r} \right]} = \frac{-2 + 9}{0^-} = \frac{7}{0^-} = -\infty$$

$$\lim \frac{\sin^r x}{1 + \cos x} = \frac{1 - \cos^r x}{1 + \cos x} = 1 - \cos x$$

(۵)

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$$1+1=r$$

$$\lim_{x \rightarrow \infty} \frac{\frac{r}{r\sqrt{r^2x+r}}}{\frac{1}{r\sqrt{r^2x}}} = \frac{\frac{1}{r\sqrt{r^2x+r}}}{\frac{1}{r\sqrt{r^2x}}} = \frac{-\frac{1}{r}}{-\frac{1}{r}} = \frac{r}{r}$$

(۶)

$$\frac{r - \sqrt{\frac{1}{r^2x}}}{r - \frac{r}{r\sqrt{r^2x+1}}} = \frac{-\frac{1}{r}}{0} = -\frac{1}{r}$$

(۷)

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$$\frac{b}{r\sqrt{b^2+r}} = \frac{1}{r} \Rightarrow r b = \sqrt{r} \Rightarrow c = r b^r$$

(۸)

$$a + \sqrt{c} = 0 \Rightarrow a = -\sqrt{c}$$

$$\frac{-r b^r}{r b^r} = -\frac{1}{r}$$

Subject:

Year :      Month :      Day :      ( )

$$r + K \left[ \frac{r}{r} \right] > 0 \Rightarrow r - rK > 0 \Rightarrow K < r \quad (9)$$

$$rK \left[ \frac{r}{r} \right] < 0 \Rightarrow r - rK < 0 \Rightarrow \frac{r}{r} < K \quad \left. \begin{array}{l} \text{---} \\ \text{---} \end{array} \right\} \frac{r}{r} < K < r$$

~~$$r < -K < -\frac{r}{r} \Rightarrow [-K] = r$$~~

$$b \times \frac{\frac{1}{r} \sqrt{r}}{r \sqrt{r + \sqrt{r}}} = \frac{b}{rK} \quad b = 12 \quad * \quad (10)$$

$* \Rightarrow \frac{1}{r}$