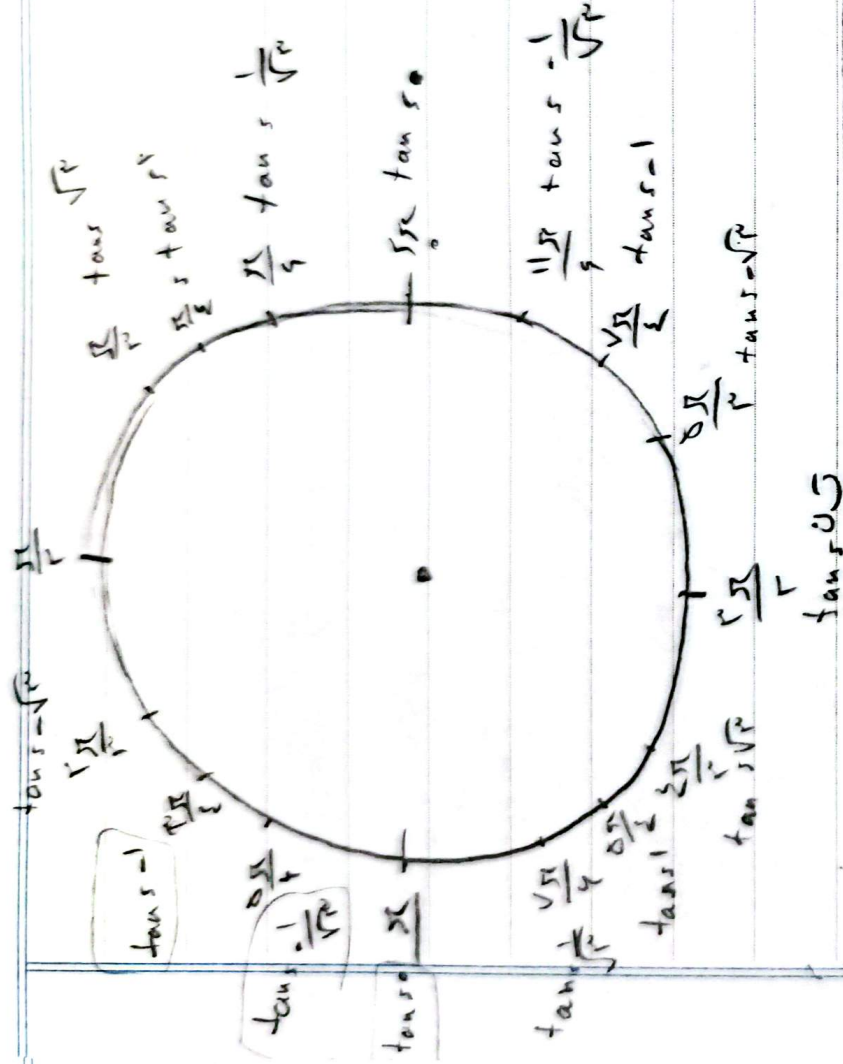


20/10/2020

tan 0 = 0



$$\text{الف} \rightarrow \frac{1}{r} - \frac{r}{r^2} = \frac{1}{r} - \frac{r}{r^2} = -\frac{r}{r^2} = -\frac{1}{r}$$

$$\text{ب) } \frac{1}{r} + \frac{r}{r^2} = \frac{1}{r} + \frac{r}{r^2} = \frac{1+r^2}{r^2} = \frac{1}{r^2} + \frac{r}{r^2}$$

$$2) -\frac{1}{r^2} + r\left(\frac{1}{r^2}\right) + r\left(\frac{1}{r^2}\right) = \frac{1}{r^2}$$

$$3) \cos(0) + \sin\left(\frac{\pi}{2}\right) = 1$$

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

$$\frac{a^r + f a^r r a + r}{a^r + a - r s} = \frac{r + 1 + r^2}{r + 1 + r^2} = \frac{r + 1 + r^2}{r + 1 + r^2}$$

$$(a + r)(a - r) = a^2 - r^2$$

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

$$\frac{a^r + f a^r r a + r}{a^r + a - r s} = \frac{r + 1 + r^2}{r + 1 + r^2}$$

$$\frac{a^r + f a^r r a + r}{a^r + a - r s} = \frac{r + 1 + r^2}{r + 1 + r^2}$$

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الف $\frac{1}{n(n-2)}$ $n \neq 0, 2$ - 5

ب) $\frac{1}{r(n^3 + 2n^2 + n + 2)} = \frac{1}{r(n^2(n+2) + n+2)} = \frac{1}{r(n+2)(n^2+1)}$ $n \neq -2$

الف 1 $\frac{1}{n^2} = \frac{1}{n^2} - \frac{1}{n^2-1}$ $\frac{1}{n^2} = \frac{1}{n^2} - \frac{1}{(n-1)(n+1)}$ $n \neq -1$

ب) 1 $\frac{1}{n^2} = \frac{1}{n^2} - \frac{1}{n^2-1}$ $\frac{1}{n^2} = \frac{1}{n^2} - \frac{1}{(n-1)(n+1)}$

$\frac{1}{n^2} = \frac{1}{n^2} - \frac{1}{n^2-1}$

لأنه تكافؤ صفرى لنز

$\sqrt{4r-a} + \sqrt{b-a} = \frac{4}{a} = \frac{1}{r}$

ج) $\sqrt{\frac{(n-3)(n+5)}{(n^2-9)(n^2-4)}} = \sqrt{\frac{(n-3)(n+5)}{(n-3)(n+3)(n-2)(n+2)}}$

ب) $\frac{1}{(n-1)(n+2)(n+5)} = \frac{1}{(n-1)(n+2)(n+5)}$ $\frac{1}{(n-1)(n+2)(n+5)} = \frac{1}{(n-1)(n+2)(n+5)}$

$\frac{1}{(n-1)(n+2)(n+5)} = \frac{1}{(n-1)(n+2)(n+5)}$

Subo

$$\frac{x^3 + 2x^2 - 8x - 4}{x^3 + x^2} = \frac{4(x+1)}{x^2 + x - 4}$$

$$\frac{-x^2 - 8x}{x^2 + x} = -4x - 4$$

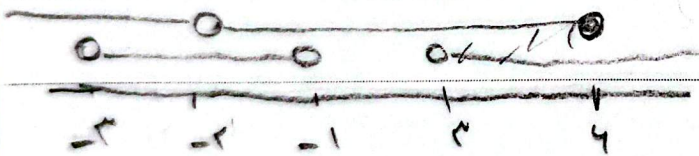
$$\text{if } \{x\} \cap \{x\}$$

$$\{x\} \cap \{x\} = \{x\}$$

$$\sqrt{\frac{4-x}{(x+2)^2}}$$

$$\sqrt{\frac{x+1}{(x-2)^2}} + \frac{-1}{x-2} \neq \frac{1}{x-2} + \sqrt{\frac{4-x}{(x+2)^2}}$$

$$[-1, 4] - \{+1\}$$



$$\{x\} \cap \{x\} = \emptyset$$

$$\{x\} \cap \{x\} = \{x\}$$