

$$y = (1/x)^r = x^{-r} \Rightarrow (r, y) \rightarrow r = -r + (\frac{1}{r})^{rA+rB} \Rightarrow r = (\frac{1}{r})^{rA+rB} \quad (6)$$

$$y = 1 - 1 \Rightarrow (1, 0) \rightarrow 0 = -r + (\frac{1}{r})^{rA+rB} \Rightarrow r = (\frac{1}{r})^{rA+rB} \Rightarrow rA+rB = -r$$

$$\Rightarrow A = -1, B = 0 \Rightarrow F(x) = -r + (\frac{1}{r})^{-r} \Rightarrow \boxed{y}$$

$$\frac{1}{2} n s (\frac{1}{9})^n \Rightarrow \frac{1}{2} s (\frac{1}{9})^n \Rightarrow -\log_9 s \Rightarrow -\log_9 s = \log_9 \frac{1}{s} \Rightarrow -\log_9 s = \log_9 (1/s) \Rightarrow \log_9 s = \log_9 (1/s)$$

$$\Rightarrow -1 (\log_9 s + \log_9 s) = \log_9 (1/s) \Rightarrow -2 \log_9 s = \log_9 (1/s) \Rightarrow -2 \log_9 s = \log_9 (s^{-1}) \Rightarrow -2 \log_9 s = -\log_9 s$$

$$\Rightarrow \log_9 s = 0 \Rightarrow s = 1$$

$$\log_9 s = 1/4 \Rightarrow s = 9^{1/4} = \sqrt[4]{9}$$

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$$-1 (\frac{rA+rB}{rA+rB}) \log_9 (\frac{s}{s}) \Rightarrow -rA = \log_9 s \Rightarrow rA = -\log_9 s \Rightarrow rA = -\log_9 (9^{1/4}) \Rightarrow rA = -1/4 \Rightarrow A = -1/4r$$

$$100 - 12,5 > n v, s = \frac{A v s}{100} = \frac{v}{100} \Rightarrow \frac{1}{v} s (\frac{v}{100})^n \quad (1)$$

$$\log_{10} s = \log_{10} \frac{1}{v} s \Rightarrow \log_{10} s = \log_{10} \frac{1}{v} + \log_{10} s \Rightarrow -\log_{10} v = \log_{10} (1/v) \Rightarrow -\log_{10} v = \log_{10} (v^{-1}) \Rightarrow -\log_{10} v = -\log_{10} v$$

$$\log_{10} v = \frac{1}{1,25} \Rightarrow \log_{10} v = \frac{1}{1,25}$$

$$\Rightarrow \frac{-1}{1,25} \log_{10} v = \log_{10} (v^{-1/1,25}) = \log_{10} (v^{-0,8})$$

$$1 = n \Rightarrow \frac{1}{v} s (\frac{v}{100})^n = \frac{1}{v} s (\frac{v}{100})^1 = \frac{1}{v} s (\frac{v}{100}) = \frac{s}{100}$$

$$\frac{1}{p} n s m (99)^n \Rightarrow \frac{1}{p} s (99)^n \Rightarrow \log_{99} \frac{1}{p} s = \log_{99} (99)^n \Rightarrow -\log_{99} p + \log_{99} s = n \log_{99} 99 \Rightarrow -\log_{99} p + \log_{99} s = n$$

$$\log_{99} s = n + \log_{99} p \Rightarrow s = 99^{n + \log_{99} p} = 99^n \cdot 99^{\log_{99} p} = 99^n \cdot p$$

$$\Rightarrow \log_{99} s = n + \log_{99} p \Rightarrow \log_{99} s = n + \log_{99} p \Rightarrow \log_{99} s = n + \log_{99} p$$

