

$$\left[\begin{array}{l} (a^r + b^r - rab)^r (a^r + b^r + rab)^r \\ a^r + b^r - rab \\ \sqrt{3} + \sqrt{3} - 2\sqrt{3} \\ \sqrt{3} - 2\sqrt{3} \end{array} \right] (r\sqrt{3} - r\sqrt{3})^r = 2r - 19\sqrt{3}$$

$$19(1 - \sqrt{3}) \Rightarrow t = 19$$

$$\left(a + \frac{1}{a} + \sqrt{r} \right)^r \left(a + \frac{1}{a} - \sqrt{r} \right)^r$$

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

$$v - \varepsilon\sqrt{v} + \frac{1 \times (v + \varepsilon\sqrt{v})}{v - \varepsilon\sqrt{v} \times (v + \varepsilon\sqrt{v})} + \varepsilon \Rightarrow 19 = r^t$$

$$t = 9$$

$$r^{\frac{r}{10}} \times r^{\frac{r}{10}} \times r^{\frac{r}{2}} = r^{\frac{2r}{10}} = r^r = 9$$

$$(rA)^{-\frac{1}{r}} = A^{-\frac{1}{r}} \Rightarrow (r^n)^{-\frac{1}{r}} \Rightarrow r^{-1} = \frac{1}{r}$$

$$a^{\frac{1}{v}} = r_v \times a^{\frac{10}{v}}$$

$$\hookrightarrow a^r = \frac{1}{r_v} \Rightarrow a = \frac{1}{r\sqrt{v}}$$

$$\frac{1}{a} - v \Rightarrow v\sqrt{v} - v$$

$$\frac{v(\sqrt{v}-1) \times (\sqrt{v}-1)}{\sqrt{v}+1 \times (\sqrt{v}-1)} = \frac{v(\sqrt{v}-1)^2}{v-1}$$

$$= 9 - v\sqrt{v}$$

$$\sqrt{x+a} - \sqrt{x-a} = \sqrt{x-\varepsilon}$$

$$(\sqrt{x+a} + \sqrt{x-a})(\sqrt{x+a} - \sqrt{x-a}) = (x+a) - (x-a) = a + r$$

$$\frac{a}{r} + r \leq \frac{a+r}{r}$$

$$\sqrt{x+a} + \sqrt{x-a} = \frac{a}{r} + r$$

$$\sqrt{x+a} = \sqrt{x-\varepsilon} + r \Rightarrow \sqrt{x+a} + \sqrt{x-a} - r = \frac{a}{r} + r - r = \frac{a}{r}$$

$$x+a - x-\varepsilon + \varepsilon + r\sqrt{x-\varepsilon} \Rightarrow a=0 \quad x=\varepsilon$$