

~~A+B~~

$$A+B$$

$$w = 1$$

$$wA+b$$

$$w = 9$$

$$\left. \begin{array}{l} A+B=0 \\ wA+B=1 \end{array} \right\} \begin{array}{l} A=1 \\ B=-1 \end{array}$$

$$w^{-1} = \frac{1}{w} \checkmark$$

1

$$y^{x+w} = y^{px}$$

$$y = p + 10$$

$$\Lambda \times y^x = (y^x) + 10$$

$$t^p - \Lambda t + 10 = 0$$

$$t = 3, 5$$

$$p^x = w \quad x = \log_p w$$

$$p^x = 0 \quad x = \log_p 0$$

2

$$t^p + (p-t)(t+t) = t^p + p - t^p = p \checkmark$$

3

$$\log^{t^p} t^w (\log^t = \log^{t^x}) = 0$$

$$\log^t = 1$$

$$t = 10$$

$$1-x=1$$

$$x=-9$$

$$\log^{(-9)} = 2 \checkmark$$

4

$$\log_r^{n-1} = w$$

$$n-1 = 1$$

$$n = \sqrt[14]{14}$$

$$\log_r^{\sqrt[14]{14}} = 2$$

5

$$\log^t r = w$$

$$t = 10$$

$$r = -1$$

$$\log_{\sqrt{r}}^{\Delta} = 4\sqrt{\quad}$$

6

$$r^r - r = \text{FM}$$

$$r^r - \text{EM} - r = 0 \quad r = \frac{E + \sqrt{rE}}{r} = r + \sqrt{\quad}$$

$$\log_{\frac{r}{4}}^{\sqrt{4}} = \frac{1}{r}\sqrt{\quad}$$

7

$$r^{\frac{\Delta}{a}} = w$$

$$\log_{(r^{\frac{\Delta}{a}})^r \times r}^{r^w} = \log_{r^{\frac{r\Delta}{a}}}^{r^w} = \frac{w}{\frac{r\Delta}{a}} = \frac{a}{r}\sqrt{\quad}$$

8

$$r^{\frac{1}{4}} = w$$

$$\log_{r \times r \times r^{\frac{1}{4}}}^{r \times r^{\frac{1}{4}}} = \log_{r^{\frac{5}{4}}}^{r^{\frac{5}{4}}} = \frac{r \times \frac{1}{4}}{r^{\frac{5}{4}}} = \frac{1}{r}\sqrt{\quad}$$

9

$$P = \frac{b}{a}$$

$$S = \log_r^1$$

$$-1 + r = \log_r^1$$

$$r = \log_r^1 + 1$$

$$\frac{b}{a} = -1 - \log_r^1$$

$$(\sqrt{r})^{-1 - \log_r^1} = \frac{1}{\sqrt{r}} \times \frac{1}{\sqrt{r}} = \frac{\sqrt{r}}{r}$$

10