

$$\textcircled{2} \text{AV} \begin{matrix} a, b > 0 \\ \text{v.s. } 0. \end{matrix} \sqrt{a+b+2\sqrt{ab}} = \sqrt{a} + \sqrt{b}$$

NYZT

$$\sqrt{a+b+2\sqrt{ab}}^2 = (\sqrt{a} + \sqrt{b})^2$$

$$a+b+2\sqrt{ab} = a+2\sqrt{a}\sqrt{b}+b$$

$$a+b+2\sqrt{ab} = a+b+2\sqrt{ab}$$

1100 16x061.