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$$\frac{1}{\sqrt{a} - \sqrt{b}} = \frac{1 \times (\sqrt{a} + \sqrt{b})}{(\sqrt{a} - \sqrt{b}) \times (\sqrt{a} + \sqrt{b})}$$

$$\frac{1}{\sqrt{a}-\sqrt{b}} = \frac{\sqrt{a}+\sqrt{b}}{a-b} \quad (a, b > 0, a \neq b)$$

$$\begin{aligned} \frac{1}{\sqrt{a}-\sqrt{b}} &= \frac{1}{(\sqrt{a}-\sqrt{b})} \times \frac{(\sqrt{a}+\sqrt{b})}{(\sqrt{a}+\sqrt{b})} \\ &= \frac{\sqrt{a}+\sqrt{b}}{(\sqrt{a})^2 - (\sqrt{b})^2} \end{aligned}$$

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