DATA

$$\sqrt{4 \cdot \left(\frac{1}{\left(\sqrt{\frac{b}{a}} - \sqrt{\frac{a}{b}} \right)^2} \right) + 1}$$

$$\sqrt{\frac{4}{\frac{b}{a} + \frac{a}{b} - \frac{2}{1}} + \frac{1}{1}} \longrightarrow$$

$$\sqrt{\frac{4 + \frac{b}{a} + \frac{a}{b} - 2}{\frac{b}{a} + \frac{a}{b} - 2}} \longrightarrow$$

$$\sqrt{\frac{\frac{b}{a} + \frac{a}{b} + 2}{\frac{b}{a} + \frac{a}{b} - 2}} \int \frac{\frac{a^2 + b^2 + 2ab}{ab}}{\frac{a^2 + b^2 - 2ab}{ab}} \quad \left| \frac{a+b}{a-b} \right|$$

$$\frac{\frac{(a+b)^2}{ab}}{\frac{(a-b)^2}{ab}}^{\frac{1}{2}}$$

7) $\left[(a\sqrt{a} + b\sqrt{b})(\sqrt{a} + \sqrt{b})^{-1} + 3\sqrt{ab} \right]^{\frac{1}{2}}$

$$\left[a\sqrt{a} + b\sqrt{b} \cdot \frac{1}{\sqrt{a} + \sqrt{b}} + 3\sqrt{ab} \right]^{\frac{1}{2}}$$

$$\left[\frac{a\sqrt{a} + b\sqrt{b}}{\sqrt{a} + \sqrt{b}} + 3\sqrt{ab} \right]^{\frac{1}{2}}$$

$$\left(\frac{a\sqrt{a} + b\sqrt{b}}{\sqrt{a} + \sqrt{b}} * \frac{\overbrace{\sqrt{a} - \sqrt{b}}^{1}}{\sqrt{a} - \sqrt{b}} \right) + 3\sqrt{ab}$$

$$\left(\frac{a\sqrt{a^2} - a\sqrt{ab} + b\sqrt{ab} - b\sqrt{b^2}}{\sqrt{a^2} - \sqrt{ab} + \sqrt{ab} - \sqrt{b^2}} \right) + 3\sqrt{ab}$$

$$\frac{a^2 - b^2 - a\sqrt{ab} + b\sqrt{ab}}{a - b}$$

$$\frac{(a+b)\cdot(a-b) - \sqrt{ab}\cdot(a-b)}{(a-b)}$$

$$\frac{(a-b)\cdot(a+b-\sqrt{ab})}{(a-b)}$$

$$a + b - \sqrt{ab} + 3\sqrt{ab}$$

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

$$a + b + 2 \cdot \sqrt{a} \cdot \sqrt{b}$$

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

$$(\sqrt{a} + \sqrt{b})(\sqrt{a} + \sqrt{b})$$

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

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

então $\left[(\sqrt{a} + \sqrt{b})^2 \right]^{\frac{1}{2}}$

$$\boxed{\sqrt{a} + \sqrt{b}} \quad //$$