

$$\sqrt{a} \times \sqrt{b} = \sqrt{ab}$$

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

$$\sqrt{23 - 6\sqrt{6} - 4\sqrt{2}} = \sqrt{a} + \sqrt{b}$$

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

$$\frac{\sqrt{ab}}{\sqrt{a} + \sqrt{b}} = 1$$

$$\sqrt{a} - \sqrt{b} = \sqrt{a - b}$$

$$\sqrt{a} + \sqrt{b} = \sqrt{a + b + \sqrt{4ab}}$$

$$\frac{\sqrt{a} + b}{\sqrt{c} + d} = (\sqrt{a} + b)(\sqrt{c} - d)$$

$$\sqrt{5 + 2\sqrt{6}} = \sqrt{a} + \sqrt{b}$$