



$$h_{\text{neu}} = h_{\text{alt}} - 0,05 \text{ m} = 0,43 \text{ m} - 0,05 \text{ m} = 0,38 \text{ m}$$

$$h_{\text{neu}} = \frac{s_{\text{neu}}}{2} * \sqrt{3} \quad | *2$$

$$2 * h_{\text{neu}} = s_{\text{neu}} * \sqrt{3} \quad | :\sqrt{3}$$

$$s_{\text{neu}} = \frac{2 * 0,38 \text{ m}}{\sqrt{3}} = 0,44 \text{ m}$$

$$\mathbf{A} = 6 * \frac{s_{\text{neu}} * h_{\text{neu}}}{2} = 6 * \frac{0,38 \text{ m} * 0,44 \text{ m}}{3} = \mathbf{0,5 \text{ m}^2}$$