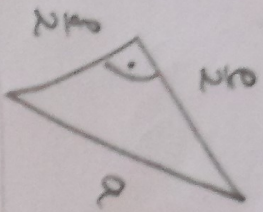


S. 115 Nr. 14b



$$\left[\left(\frac{e}{2}\right)^2 + \left(\frac{f}{2}\right)^2 = a^2 \right]$$

$$\begin{cases} e = 9\text{mm} \\ a = 6\text{mm} \end{cases}$$

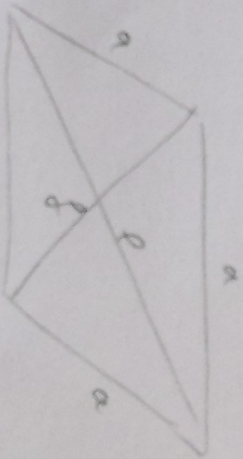
$$\Rightarrow 4,5^2 + \left(\frac{f}{2}\right)^2 = 6^2$$

$$\left(\frac{f}{2}\right)^2 = 6^2 - 4,5^2$$

$$\frac{f}{2} = \sqrt{6^2 - 4,5^2}$$

$$\frac{f}{2} = 3,9686\text{mm} \quad | \cdot 2$$

$$\underline{\underline{f = 7,9373\text{mm}}}$$



$$\underline{\underline{U = 4 \cdot 6\text{mm}}}$$

$$\left[A = \frac{e \cdot f}{2} \right]$$

$$A = \frac{9\text{mm} \cdot 7,9373\text{mm}}{2}$$

$$\underline{\underline{A = 35,7179\text{mm}^2}}$$