

$$R = 20 \text{ Ом}$$

$$Q_1 = Q_2$$

$$I_1 = I_2$$

$$X = ?$$

$$R_{12} = 20 + 20 = 40 \text{ Ом}$$

$$\frac{1}{R_{123}} = \frac{1}{20} + \frac{1}{40} = \frac{3}{40} \text{ Ом}$$

$$R_{123} = \frac{40}{3} \text{ Ом}$$

$$Q_1 = \frac{U^2 \cdot \frac{40}{3}}{1}$$

$$d_1 = 3,5 \text{ дм}$$

$$d_2 = \frac{8,5}{3} \approx 2,8 \text{ дм}$$

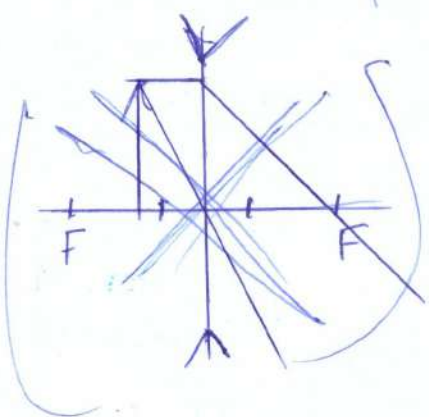
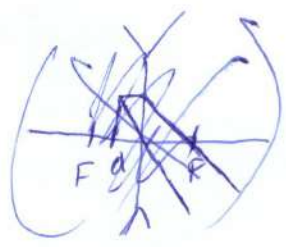
$$D = 1,5 \text{ дм}$$

$$D = ?$$

$$-D = \frac{1}{d_1} + \frac{1}{d_2}$$

$$-D = \frac{100}{12} - \frac{100}{15}$$

$$D = -0,8 \text{ дмтр}$$



Мнимое
увеличенное.
переверн.

