

Zadatak 6. Pravac $2x - 1 = 0$ ravnalica je parabole $y^2 = ax$. Napiši jednadžbu parabole.

Rješenje.

$$2x - 1 = 0 \implies x = \frac{1}{2} \text{ ravnalica}$$

$$\implies \frac{p}{2} = -\frac{1}{2}, \quad p = -1$$

$$y^2 = ax$$

$$y^2 = 2px$$

$$y^2 = -2x$$