10 (4 zł)

$$\left.\begin{array}{l} y'(x_1) = a \\ x'(y_1) = \frac{6}{2a+3} \end{array}\right\} \quad 1 = a \cdot \frac{6}{2a+3} \quad \Rightarrow \quad 2a+3 = 6a$$

$$\boxed{a = \frac{3}{4}}$$