

Zad.1

$$\frac{a}{a+b} = 2019 \quad \frac{b}{a} = ?$$

$$\frac{a}{a+b} = 2019 \quad | \cdot (a+b)$$

$$a = 2019(a+b)$$

$$a = 2019a + 2019b \quad | - 2019a$$

$$-2018a = 2019b \quad | : a$$

$$\frac{2019b}{a} = -2018 \quad | : 2019$$

$$\frac{b}{a} = -\frac{2018}{2019}$$