

Mi., 08.07.2020 (B)

S. 125/9

$$\frac{a}{b} = \frac{c}{d} \quad | \cdot bd$$

$$\frac{a \cancel{b} d}{\cancel{b}} = \frac{c \cancel{b} d}{\cancel{d}}$$

$$ad = cb$$

$$\frac{a}{b} + 1 = \frac{c}{d}$$

$$\frac{a}{b} + \frac{b}{b} = \frac{c}{d}$$

$$\frac{a+b}{b} = \frac{c}{d}$$

$$(a+b) \cdot d = c \cdot b$$

$$b) \frac{1-x}{2x-3} = \frac{3x+2}{1-6x}$$

$$\underline{\underline{(1-x)}} \cdot \underline{\underline{(1-6x)}} = \underline{\underline{(2x-3)}} \cdot \underline{\underline{(3x+2)}}$$

$$1-6x-x+6x^2 = 6x^2+4x-9x-6 \quad | -6x^2$$

$$1-7x = -5x-6 \quad | +7x+6$$

$$7 = 2x$$

$$x = 3,5$$