Fr., 19.06.2020 (A)

S. 114 / 16 d

$$(x-2) : \frac{4-2x}{3x} = \frac{(x-2)\cdot 3x}{4-2x}$$

$$= \frac{(x-2)\cdot 3x}{2(2-x)}$$

$$= \frac{(x-2)\cdot 3x}{-2(x-2)}$$

$$= \frac{3x}{-2} = -\frac{3x}{2} = -\frac{3}{2}x$$

19 d) $\frac{4x-3y}{x-2y} : \frac{6y-8x}{y-2x} =$

$$= \frac{(4x-3y)\cdot(-1)\cdot(2x-y)}{(x-2y)\cdot(-2)(4x-3y)} =$$

$$= \frac{2x-y}{2(x-2y)} = \frac{2x-y}{2x-4y}$$