

4) Řešte v  $\mathbb{R}$  nerovnici:  $\frac{3x+2}{x-2} \geq 3$

$$\frac{3x+2}{x-2} \geq 3, \quad x \neq 2 \Rightarrow D_f = \mathbb{R} - \{2\}$$

$$\frac{3x+2}{x-2} \geq 3$$

$$\frac{3x+2}{x-2} - 3 \geq 0$$

$$\frac{3x+2-3x+6}{x-2} \geq 0$$

$$\frac{8}{x-2} \geq 0 \Rightarrow x > 2$$

$$P = (2, \infty)$$

[Zpět:](#)