

A

3c) Řešte v daném oboru proměnné:

$$|x-4| \leq 8 \quad \wedge \quad |2x+2| > 4 \quad \wedge \quad x \in \mathbb{Z}$$

$$|x-4| \leq 8 \Rightarrow x \in \{-4, -3, -2, -1, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12\}$$

$$|2x+2| > 4$$

$$2|x+1| > 4$$

$$|x+1| > 2 \Rightarrow x \in \{\dots -6, -5, -4, 2, 3, 4, \dots\} = \mathbb{Z} - \{-3, -2, -1, 0, 1\}$$

$$P = \{-4, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12\}$$

[Zpět:](#)