

Definition: Semitone Integer Notation

- For any $\alpha \in \mathbb{Z}$

$$\widehat{x} + \alpha \stackrel{\text{D}}{=} \widehat{(x + \alpha)}$$

Examples

- If $x = 5$ and $\alpha = 9$

$$\widehat{5} + 9 = \widehat{14} = \widehat{2}$$

- $x = 9$ $\alpha = -14$

$$\widehat{9} + -14 = \widehat{9 - 14} = \widehat{-5} = \widehat{7}$$