

$$\text{NWD}(12, 8) = 4$$

$$\text{NWW}(12, 8) = 24$$

$$\begin{aligned} 12 \cdot 8 &= \text{NWD}(12, 8) \cdot \text{NWW}(12, 8) \\ 96 &= 4 \cdot 24 \\ 96 &= 96 \end{aligned}$$

$$a \cdot b = \text{NWD}(a, b) \cdot \text{NWW}(a, b)$$

$$\text{NWW}(a, b) = \frac{a \cdot b}{\text{NWD}(a, b)}$$