

Headline

1. Question A

(H=+1, O=-2)

$\begin{aligned} (\overset{\circ}{M}o_7\overset{\circ}{O}_{27})^{6-} \\ 7 \cdot x + 27 \cdot (-2) &= -6 \\ 7 \cdot x - 48 &= -6 \\ 7 \cdot x &= 42 \\ x &= 6 \end{aligned}$	$\begin{aligned} H_8(\overset{\circ}{W}_{12}\overset{\circ}{O}_{40}) \\ 8 \cdot (+1) + 12 \cdot x + 40 \cdot (-2) &= 0 \\ 8 + 12 \cdot x - 80 &= 0 \\ 12 \cdot x &= 72 \\ x &= 6 \end{aligned}$	$\begin{aligned} H\overset{\circ}{M}n\overset{\circ}{O}_4 \\ 1 \cdot (+1) + x + 4 \cdot (-2) &= 0 \\ 1 + x - 8 &= 0 \\ -7 + x &= 0 \\ x &= 7 \end{aligned}$
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2. Question B

