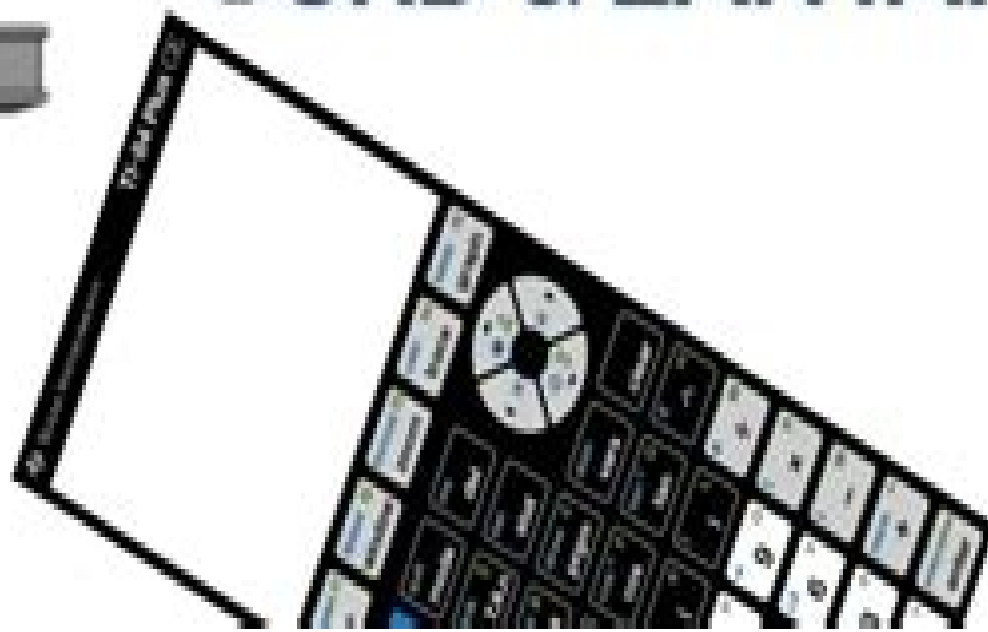
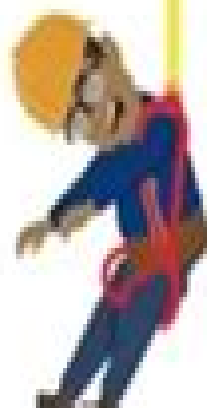


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$$\text{Mn}^{7+} + 3\text{e}^{-} + 4\text{H}^{+} \rightarrow \text{Mn}^{4+} + 2\text{H}_2\text{O}$$

$$\text{Mn}^{7+} + 2\text{e}^{-} + 4\text{H}^{+} \rightarrow \text{Mn}^{5+} + 2\text{H}_2\text{O}$$
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