**Calculating the pH of a Strong Base**

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**Calculate the pH for the following solutions:**

1. **.1 M NaOH.**
2. **.0050 M solution of slaked lime [Ca(OH2)].**
3. **A solution prepared by dissolving .28 g of Lime (CaO) in enough water to make 1 L of lime water [Ca(OH)2(aq)].**

**\*\*Steps for #3:**

1. **Convert CaO to moles.**
2. **Multiply by OH’s coefficient.**
3. **Calculate pOH.**
4. **Calculate pH.**

**CaO (s) + H2O (l) 🡪 Ca+2(aq) + 2 OH- (aq)**