

Chapter 4 – Problem 10

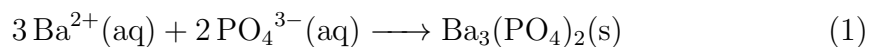
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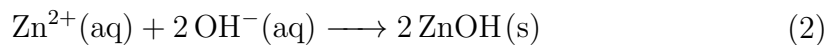
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10. Write a net ionic equation for any precipitation reaction that occurs when 1[M] solutions of the following are mixed:

(a) Na_3PO_4 and BaCl_2 (1)



(b) ZnSO_4 and KOH (2)



(c) $(\text{NH}_4)_2\text{SO}_4$ and NaCl (3)

No reaction because neither Ammonium nor Sulfate are soluble (3)

(d) $\text{Co}(\text{NO}_3)_3$ and Na_3PO_4 (4)

