

## 19 • Precipitation Reactions

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## QUIZ

- For a 1:1 compound,  $K_{sp} = s^2$   
What is the relationship for  $Al_2S_3$ ?  $K_{sp} =$   
What is the relationship for  $Ag_3PO_4$ ?  $K_{sp} =$
- The  $K_{sp}$  of  $CuCN$  is  $3.2 \times 10^{-20}$ . What is the molar solubility of  $CuCN$ ?
- The  $[F^-]$  in a saturated solution of  $BaF_2$  is  $1.5 \times 10^{-2}$  M. What is the  $K_{sp}$  of  $BaF_2$ ?

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## QUIZ

- For a 1:1 compound,  $K_{sp} = s^2$   
What is the relationship for  $Al(OH)_3$ ?  $K_{sp} =$   
What is the relationship for  $Ag_2SO_3$ ?  $K_{sp} =$
- The  $K_{sp}$  of  $AuI$  is  $1.6 \times 10^{-23}$ . What is the molar solubility of  $AuI$ ?
- The  $K_{sp}$  of  $ZnS$  is  $2.0 \times 10^{-25}$ . What is the molar solubility of  $ZnS$  in  $0.10$  M  $K_2S$ ?