

**KEY REPRESENTATIVE PARTICLE PRACTICE (moles #1):
ATOMS, IONS, MOLECULES, FORMULA UNITS**

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|--|---------------------|----------|
| 1) CaCO_3 | calcium carbonate | FUN |
| 2) N^{3-} | nitride | ION |
| 3) Cu_3P | copper(I) phosphide | FUN |
| 4) Mn | manganese | ATOM |
| 5) OBr_2 | oxygen dibromide | MOLECULE |
| 6) $(\text{SO}_4)^{2-}$ | sulfate | ION |
| 7) N_2O_3 | dinitrogen trioxide | MOLECULE |
| 8) AlF_3 | aluminum fluoride | FUN |
| 9) BaO | barium oxide | FUN |
| 10) Fe^{3+} | iron(III) | ION |
| 11) Rb | rubidium | ATOM |
| 12) PbS | lead(II) sulfide | FUN |
| 13) $(\text{C}_2\text{H}_3\text{O}_2)^-$ | acetate | ION |
| 14) O^{2-} | oxide | ION |
| 15) F_2 | fluorine | MOLECULE |
| 16) NO_2 | nitrogen dioxide | MOLECULE |
| 17) $\text{Al}_2(\text{CO}_3)_3$ | aluminum carbonate | FUN |