FLOWCHART FOR WRITING TOTAL IONIC AND NET IONIC EQUATIONS

Prerequisites:  KNOW
1. Strong soluble acids
2. Strong soluble bases
3. Soluble salts (nearly all are strong electrolytes)

Steps:

Pick a compound

Is it an acid?

Yes → Is it a strong soluble acid?

Yes → Write as dissociated ions

No → Leave intact

No → Is it a base?

Yes → Is it a strong soluble base?

Yes → Write as dissociated ions

No → Leave intact

No → Is it a salt?

Yes → Is it a soluble salt?

Yes → Write as dissociated ions

No → Leave intact

No → Is it a gas?

Yes → Leave intact

No → Check class of compound again