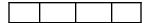
Chemistry 20: Non, Total, Net ionic reactions

1. Numerical response question



Left justify your answer in the boxes provided

Consider the following total ionic equation.

$$2K^{+}_{\;(aq)} + CO_{3}^{\;2^{-}}_{\;\;(aq)} \; + \; Ca^{2+}_{\;\;(aq)} + \; 2CI^{-}_{\;\;(aq)} \; \bigstar \; \; 2K^{+}_{\;\;(aq)} + \; 2CI^{-}_{\;\;(aq)} + \; CaCO_{3(s)}$$

Identify the spectator ion(s) in this reaction from the list below:

- 1. K⁺_(aq)
- 2. CO₃ (aq)
- 3. Ca²⁺ (aq)
- 4. Cl⁻(aq)
- 5. CaCO_{3(s)}

Solutions:

1. 14