

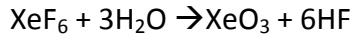
Answer on Question#54606 – Chemistry – General Chemistry

Question:

Write the reactions of fluorides of xenon with water.

Solution:

XeF₆



- a) $\text{XeF}_6 + \text{H}_2\text{O} \rightarrow \text{XeOF}_4 + 2\text{HF}$
- b) $\text{XeOF}_4 + \text{H}_2\text{O} \rightarrow \text{XeO}_2\text{F}_2 + 2\text{HF}$
- c) $\text{XeO}_2\text{F}_2 + \rightarrow \text{XeO}_3 + 2\text{HF}$

XeF₄



XeF₂

