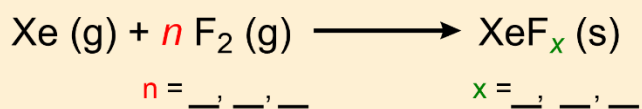


CONCEPT: NOBLE GAS COMPOUNDS

- Among all Group 8A elements, only _____ forms stable compounds.
 - It reacts directly with _____ only and forms _____.

Noble Gas Compounds



EXAMPLE: A noble gas fluoride is a colorless crystalline solid at room temperature. Which one the following is the most likely formula of this compound?

- a) NeF₂
- b) HeF
- c) ArF₂
- d) XeF₄

PRACTICE: Which of the following xenon compounds are too unstable to exist?

- a) XeF₂
- b) XeI₄
- c) XeF₄
- d) XeF₆