G is a Group 5A element, and X is an element whose atoms make only single bonds as peripheral atoms. According to VSEPR theory, which of the following has a tetrahedral **electron** geometry?

A) GX_3^+

B) GX_2

C) GX_2^-

D) GX_5^+

E) GX^-

G is a Group 8A element with Z>36, and X is a light halogen. According to VSEPR theory, which of the following has a T-shaped molecular structure?

A) GX_4

B) GX_3^+

C) GX_4^-

D) GX_3

E) GX_3^-

What is the formal charge on arsenic in $AsSF_2Cl$, if we construct its Lewis structure without violating the octet rule? (*All other atoms are bonded to* As)

A) +5

B) −1

C) −3

D) 0

E) +1