

Learning Check

Select the correct answer for sulfur.

A. The group number for sulfur is 6A.

B. The number of valence electrons in sulfur is ____.

1) $4e^-$

2) $6e^-$

3) $8e^-$

C. The change in electrons for an octet requires a

1) loss of $2e^-$

2) gain of $2e^-$

3) gain of $4e^-$

D. The ionic charge of a sulfide ion is ____.

1) $2+$

2) $2-$

3) $4-$