Chapter 9

$$O^{-}(g) \rightarrow O(g) + e^{-}$$
 $\Delta H_{EA1} = -(-141 \text{ kJ/})$
 $O^{2}(g) \rightarrow O(g) + e^{-}$ $-\Delta H_{EA2} = -(-744 \text{ kJ/})$
 $\Delta H_{EA1} = -(-744 \text{ kJ/})$
 $\Delta H_{EA2} = -(-744 \text{ kJ/})$
 $\Delta H_{EA2} = -(-744 \text{ kJ/})$

34.

(d)
$$H$$
 (e) $O = Si - O - H$ (f) $H - C \equiv N$:
 $H - C - N - H$: O :
 $H + H$

36.

37. (a) MgO should be ionic.

$$Mg^{2+}$$
 O

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