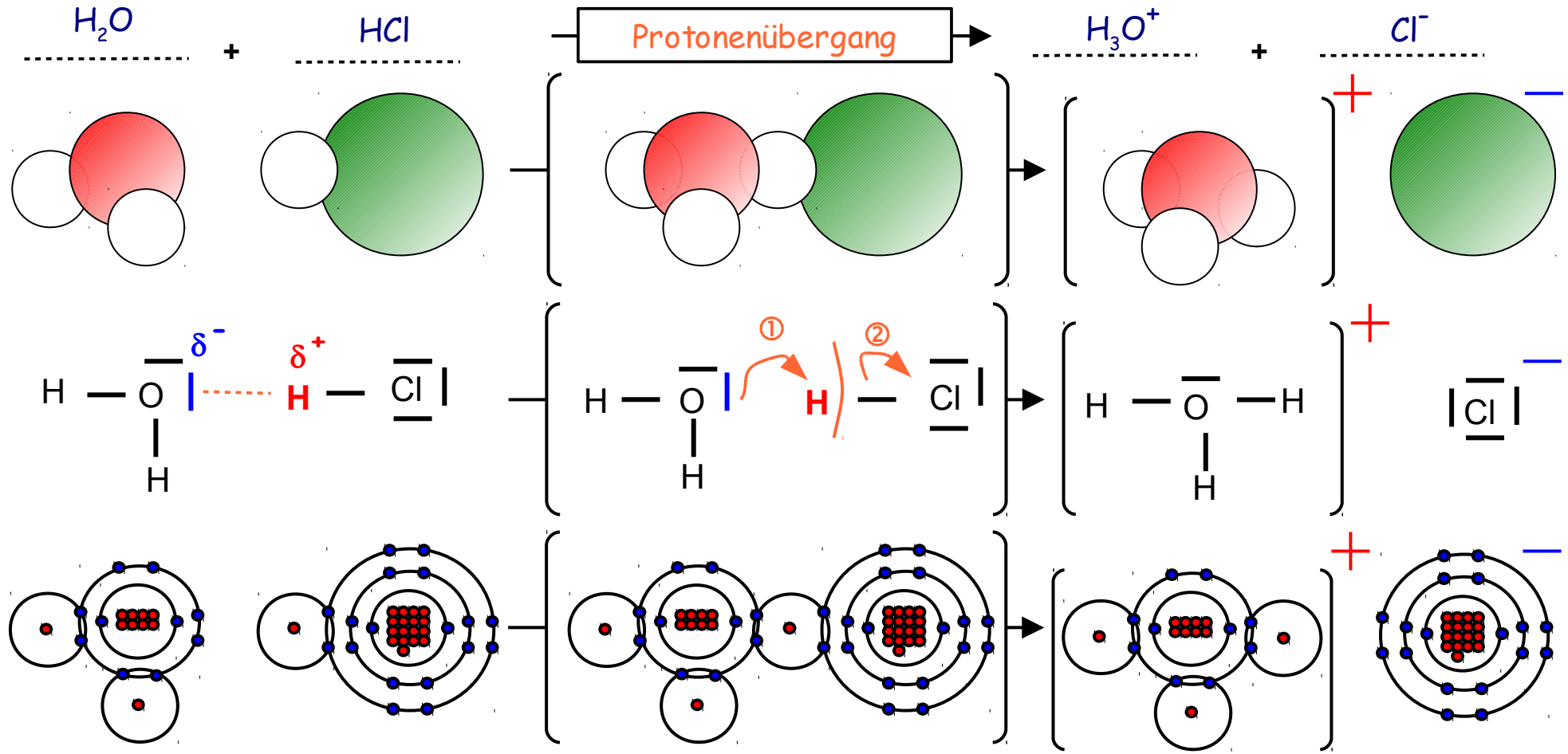


# Protonierung von Wasser mit Chlorwasserstoff



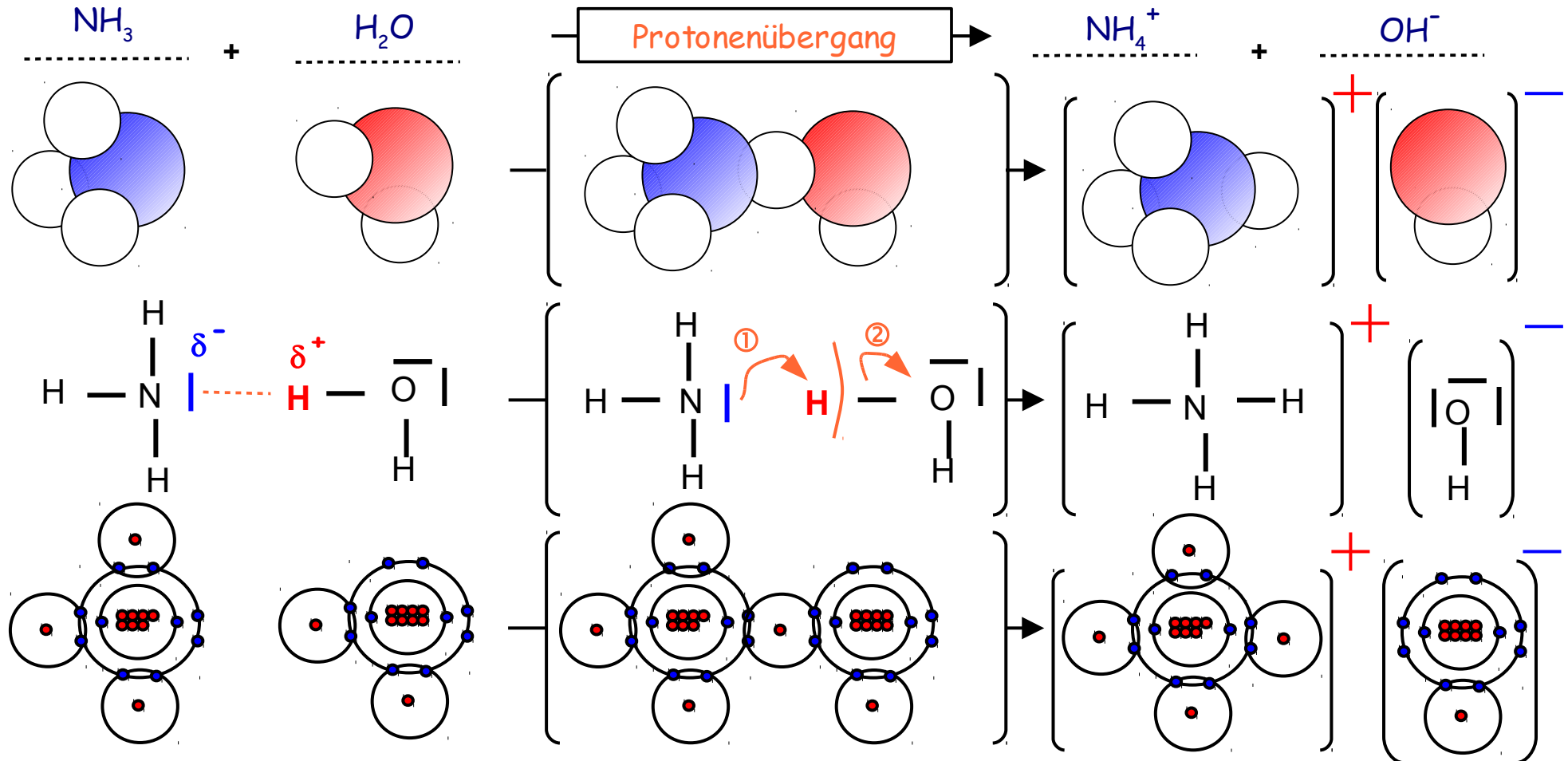
gesamt-p <sup>+</sup> :	<span style="color: red;">10</span>	<span style="color: red;">18</span>
gesamt-e <sup>-</sup> :	<span style="color: blue;">10</span>	<span style="color: blue;">18</span>
Gesamtladung:	0	0
	<span style="color: blue;">B1</span>	<span style="color: red;">S2</span>

① Protonenaufnahme  
 ② Protonenabgabe

<span style="color: red;">11</span>	<span style="color: red;">17</span>
<span style="color: blue;">10</span>	<span style="color: blue;">18</span>
<span style="color: red;">+1</span>	<span style="color: blue;">-1</span>
<span style="color: red;">S1</span>	<span style="color: blue;">B2</span>



# Protonierung von Ammoniak mit Wasser



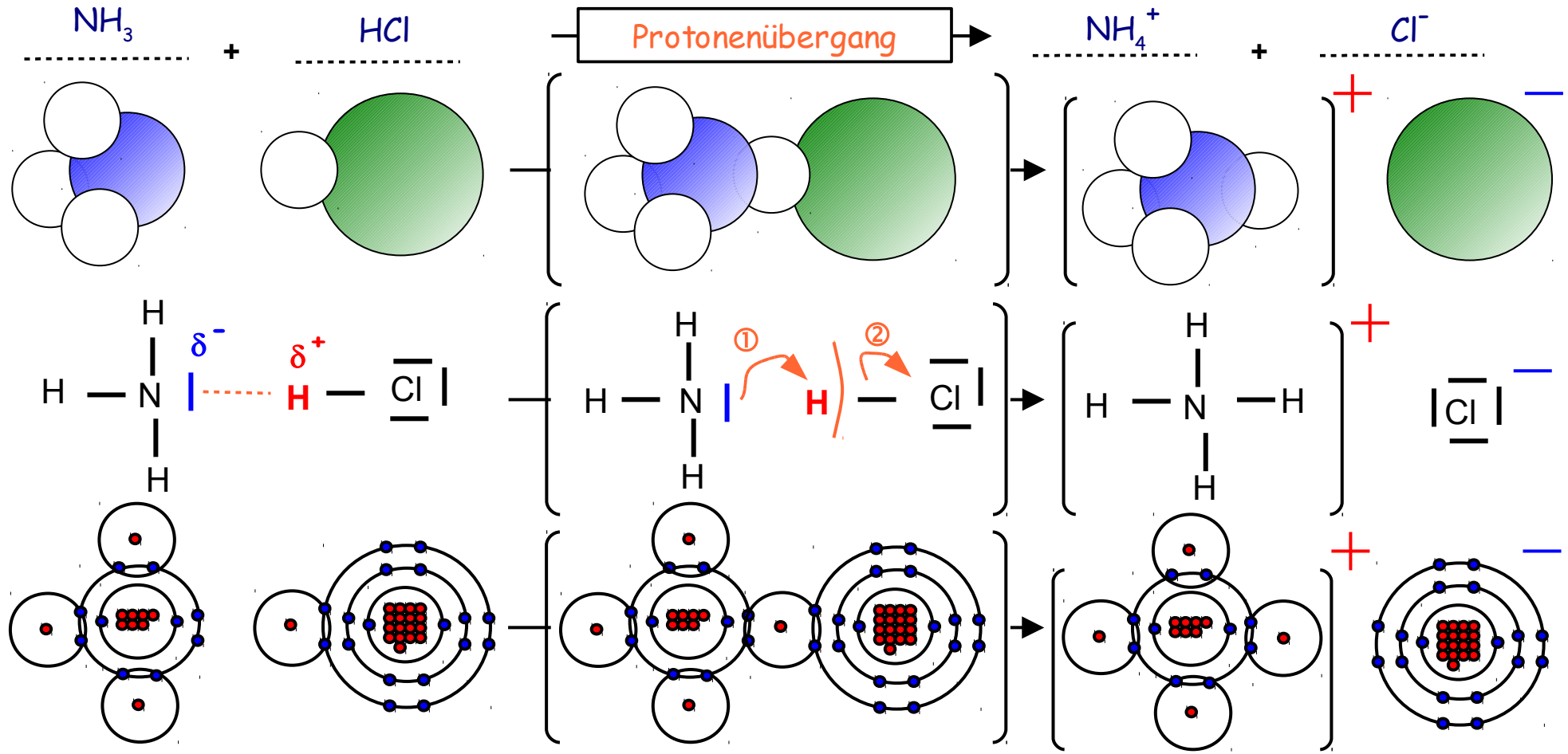
gesamt-p <sup>+</sup> :	<span style="color: red;">10</span>	<span style="color: red;">10</span>
gesamt-e <sup>-</sup> :	<span style="color: blue;">10</span>	<span style="color: blue;">10</span>
Gesamtladung:	<span style="color: blue;">0</span>	<span style="color: blue;">0</span>
	<span style="color: blue;">B1</span>	<span style="color: red;">S2</span>

① Protonenaufnahme  
② Protonenabgabe

<span style="color: red;">11</span>	<span style="color: red;">9</span>
<span style="color: blue;">10</span>	<span style="color: blue;">10</span>
<span style="color: red;">+1</span>	<span style="color: blue;">-1</span>
<span style="color: red;">S1</span>	<span style="color: blue;">B2</span>



# Protonierung von Ammoniak mit Chlorwasserstoff



gesamt-p <sup>+</sup> :	<span style="color: red;">10</span>	<span style="color: red;">18</span>
gesamt-e <sup>-</sup> :	<span style="color: blue;">10</span>	<span style="color: blue;">18</span>
Gesamtladung:	<span style="color: blue;">0</span>	<span style="color: blue;">0</span>
	<span style="color: blue;">B1</span>	<span style="color: red;">S2</span>

① Protonenaufnahme  
 ② Protonenabgabe

<span style="color: red;">11</span>	<span style="color: red;">17</span>
<span style="color: blue;">10</span>	<span style="color: blue;">18</span>
<span style="color: blue;">+1</span>	<span style="color: blue;">-1</span>
<span style="color: blue;">S1</span>	<span style="color: blue;">B2</span>

