**中五化學 電化學**

**補底**

**訂定氧化數**

找出下列物種中畫有底線的元素的氧化數：

|  |  |
| --- | --- |
| 1. S8
 | 1. Mg3N2
 |
| S的氧化數 = \_\_(自由態形式的元素) | (+2) x 3 + (N的氧化數) x 2 = 0 N的氧化數 = \_\_ |
| 1. Na2SO4
 | 1. Na2SO3
 |
| (+1) x \_\_ + (S的氧化數) + (-2) x \_\_ = 0S的氧化數 = \_\_ | (+1) x \_\_ + (S的氧化數) + (-2) x \_\_ = 0S的氧化數 = \_\_ |
| 1. K2CrO4
 | 1. NH4Cl
 |
| (\_\_) x 2 + (Cr的氧化數) + (\_\_) x 4 = 0Cr的氧化數 = \_\_ | (N的氧化數) + (\_\_) x 4 + (\_\_) = 0N的氧化數 = \_\_ |
| 1. Cr2O72-
 | 1. NF3
 |
| (Cr的氧化數) x \_\_ + (\_\_) x \_\_ = -2Cr的氧化數 = \_\_ | (N的氧化數) + (\_\_) x \_\_ = 0N的氧化數 = \_\_ |