

Past-paper walk-through

Structure of Metals and Alloys ■ 2.4

eXercise

Questions in this set

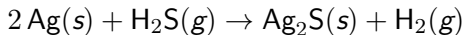
- 2024 Q3

Reading the mark scheme

- **B1** a mark that stands on its own – the point is either made or not.
- **M1** a *method* mark: the right approach, even if the number is wrong.
- **A1** an *answer* mark, and it usually needs its M mark first.
- **C1** a working mark on the way to the answer.
- **//** separates answers the examiner accepts equally.
- **ecf** = error carried forward: a later part is marked on your own earlier answer.
- **owtte** = “or words to that effect” – the wording need not match.

Question 3

2024 ■ Q3



3. Sterling silver is an alloy that is commonly used to make jewelry and consists of 92.5

(a) What are the oxidation numbers of silver in $\text{Ag}(s)$ and $\text{Ag}_2\text{S}(s)$?

$\text{Ag}(s)$ $\text{Ag}_2\text{S}(s)$