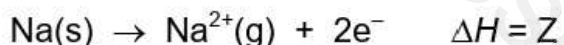
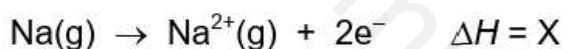


SMART EXAM RESOURCES
9701 AS CHEMISTRY TOPIC QUESTIONS
TOPIC: ATOMIC STRUCTURE
SUB-TOPIC: IONISATION ENERGY EQUATION
SET-1

1.4.2-Ionisation-Energy-Equations-Set-1

1.

Equations involving four enthalpy changes are shown.

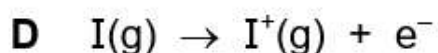
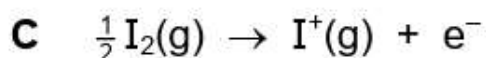
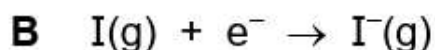


Which equation represents the second ionisation energy of sodium?

- A** X **B** X + Y – W **C** X – W **D** Z – W

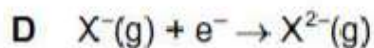
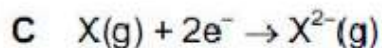
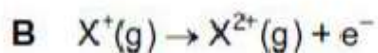
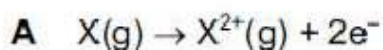
2.

Which equation represents the first ionisation energy of iodine?



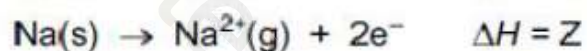
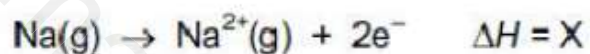
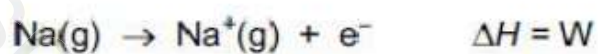
3.

Which equation represents the second ionisation energy of an element X?



4.

Equations involving four enthalpy changes are shown.



What is the second ionisation energy of sodium?

A X

B $X - W$

C $Y - W$

D $Z - Y$