

18 Which statement about the first law of thermodynamics is correct?

- A The heating of a system equals the increase of its internal energy plus the work done on the system.
- B The increase in the internal energy of a system equals the heating of the system plus the work done by the system.
- C The increase in the internal energy of a system equals the heating of the system plus the work done on the system.
- D The work done on a system equals the increase of its thermal energy plus the heating of the system.