

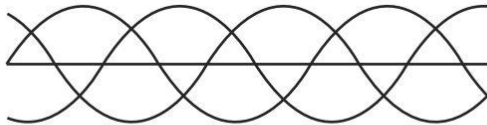
18

The three waves shown in each diagram have the same amplitude and frequency but differ in phase.

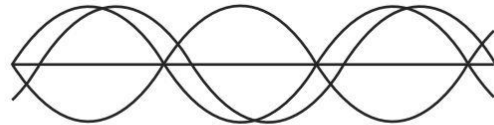
They are added together to give a resultant wave.

In which case is the resultant wave zero?

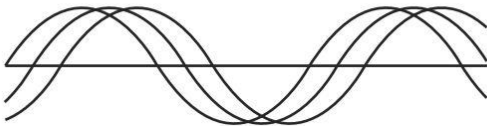
**A**



**B**



**C**



**D**

