2 Four physical quantities P, Q, R and S are related by the equation $P = Q - RS$.

Which statement must be correct for the equation to be homogeneous?

A P, Q, R and S must all be in the same S.I. base units.
B P, Q, R and S are all scalar quantities.
C The product RS has the same units as P and Q.
D The product RS is numerically equal to $(Q - P)$.