

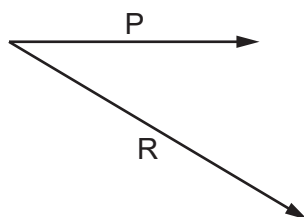
1 Which quantity is a physical quantity?

- A atomic number
- B efficiency
- C number density of charge carriers
- D strain

2 Which time interval is the shortest?

- A 0.05 ms
- B 50 ns
- C 500 000 ps
- D $0.5\ \mu\text{s}$

3 P and R are coplanar vectors.



If $X = P - R$, which diagram best represents vector X?

