

1 Five energies are listed.

5 kJ

5 mJ

5 MJ

5 nJ

Starting with the smallest first, what is the order of increasing magnitude of these energies?

A 5 kJ \rightarrow 5 mJ \rightarrow 5 MJ \rightarrow 5 nJ

B 5 nJ \rightarrow 5 kJ \rightarrow 5 MJ \rightarrow 5 mJ

C 5 nJ \rightarrow 5 mJ \rightarrow 5 kJ \rightarrow 5 MJ

D 5 mJ \rightarrow 5 nJ \rightarrow 5 kJ \rightarrow 5 MJ

2 Which of the following correctly expresses the volt in terms of SI base units?