

27 Four metals J, K, L and M are added separately to aqueous solutions of their ions.

The results are shown.

metal	aqueous ions			
	J^{2+}	K^{2+}	L^{2+}	M^{2+}
J	X	✓	✓	✓
K	X	X	X	✓
L	X	✓	X	✓
M	X	X	X	X

key

✓ = reaction

X = no reaction

Which statement about the metals is correct?

- A J has a greater tendency to form positive ions than K.
- B L has a greater tendency to form positive ions than J.
- C K has a greater tendency to form positive ions than L.
- D M has a greater tendency to form positive ions than K.