

- 3 Two cars, initially next to each other and at rest, accelerate in the same straight line at different uniform rates. After 3 s, they are 12 m apart.

If they continue to accelerate at the same rate, how far apart will they be 6 s after they started?

- A** 18 m                      **B** 24 m                      **C** 36 m                      **D** 48 m