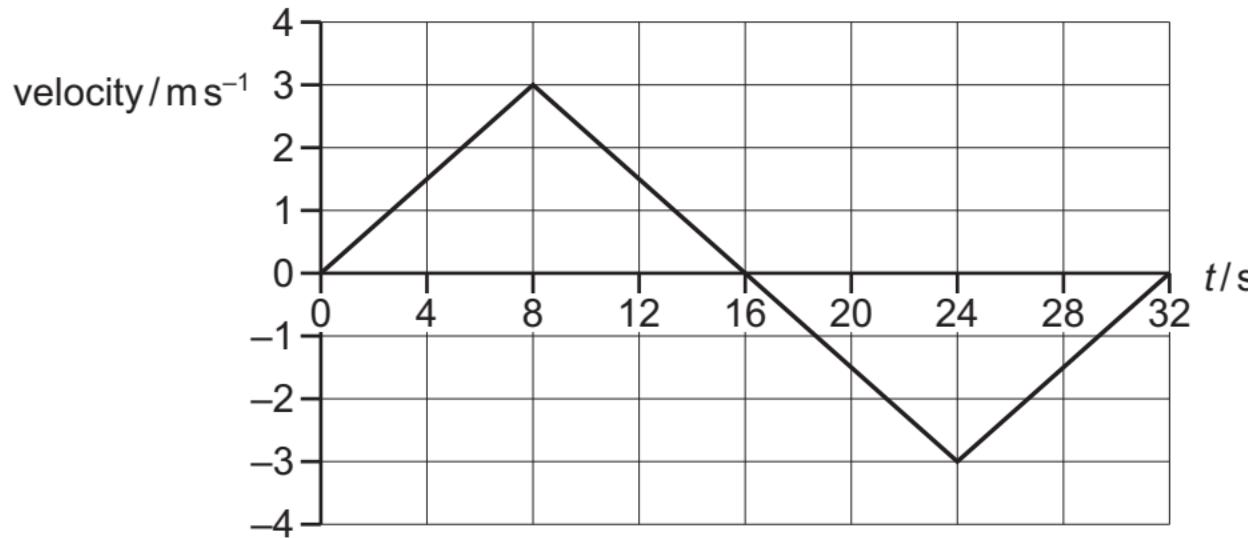


- 5 The graph shows the variation of velocity with time t of an object moving in a straight line.



At $t = 0$, the displacement of the object is zero.

What is the displacement of the object at $t = 20\text{ s}$?

A -3 m

B 21 m

C 24 m

D 27 m