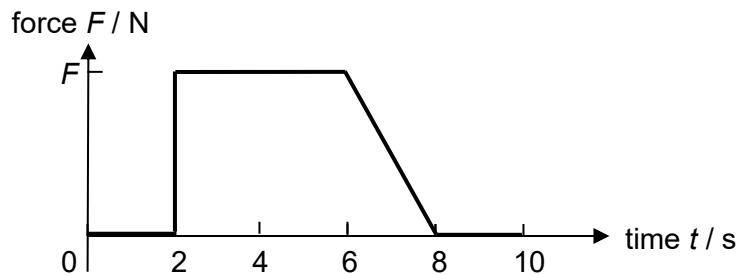


- 5 The graph shows the variation with time t of a braking force F acting on a 2.0 kg mass. The mass decelerates from an initial speed of 30 m s^{-1} to a final speed of 5.0 m s^{-1} .



What is the maximum force F exerted on the mass during this period of 10 s?

A 5.0 N

B 10 N

C 20 N

D 50 N

