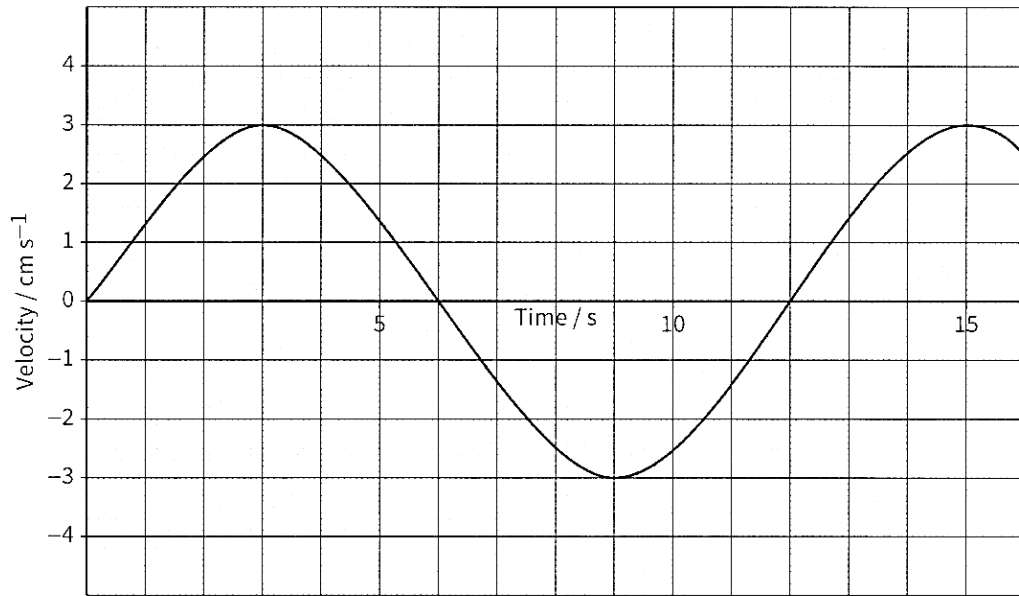


12 The graph below shows the variation with time of the velocity of a 5.0 kg oscillating mass.



What is the maximum restoring force acting on the mass as it oscillates?

**A** 0.041 N

**B** 0.050 N

**C** 0.079 N

**D** 0.15 N