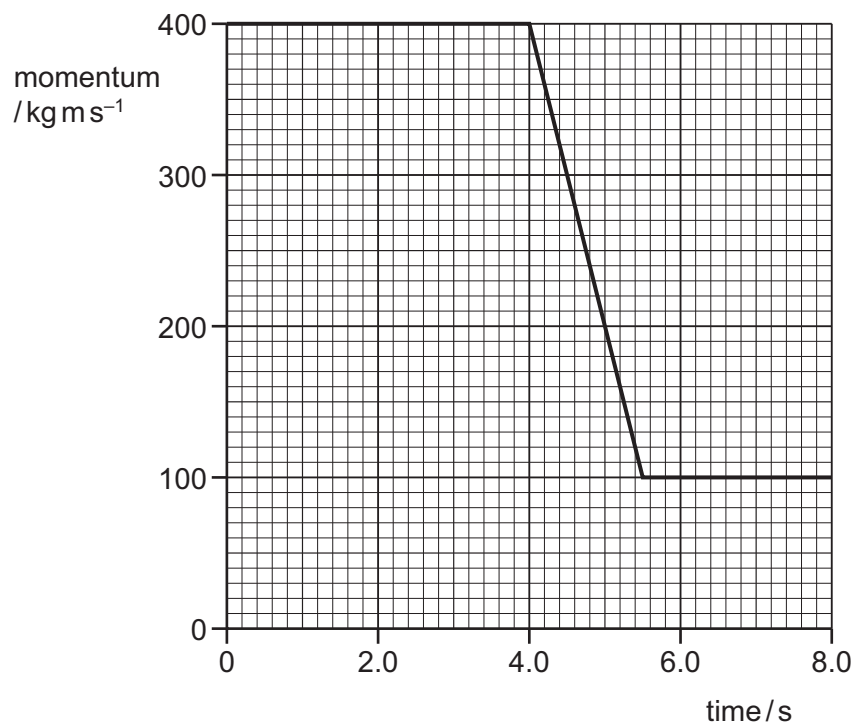


**14** The graph shows the momentum of a cyclist over a period of 8.0 s.



At time 4.0 s, she applies the brakes.

What is the resultant force on the cyclist during the period when the brakes are applied?

- A** 55 N      **B** 200 N      **C** 270 N      **D** 450 N

**Space for working**