

7 The momentum of a car changes from $10\,000\text{ kg m/s}$ to $15\,000\text{ kg m/s}$ in a time of 8.0 s .

What is the resultant force acting on the car?

A 630 N

B 3100 N

C $40\,000\text{ N}$

D $200\,000\text{ N}$