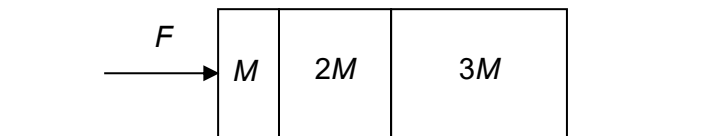


- 5 Three blocks with masses M , $2M$ and $3M$ are pushed along a rough surface by a horizontal force F as shown.



The friction between mass M and the rough surface is f , and f is proportional to M .

What is the magnitude of the force mass $3M$ exerts on mass $2M$?

A $\frac{F}{2}$

B $\frac{F}{2} + 3f$

C $\frac{F}{3} + f$

D $\frac{F}{3} + 3f$