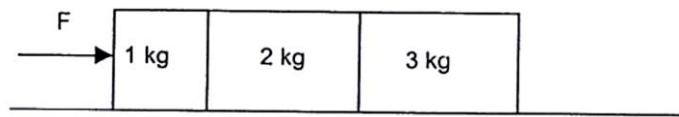


- 5 Three boxes are pushed along a smooth surface by a force F as shown below. What is the force exerted by the 2 kg mass on the 1 kg mass?



A $\frac{1}{3}F$

B $\frac{1}{2}F$

C $\frac{3}{4}F$

D $\frac{5}{6}F$