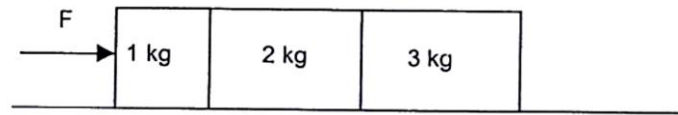


- 5 Three boxes are pushed along a smooth surface by a force  $F$  as shown below. What is the force exerted by the 2 kg mass on the 1 kg mass?



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

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

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

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