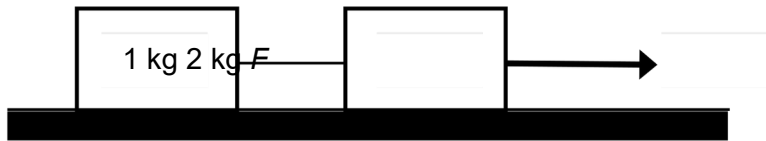


- 5 The frictionless system shown is accelerated by an applied force of magnitude F .



What is the tension in the string between the blocks?

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

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

C F

D $2F$