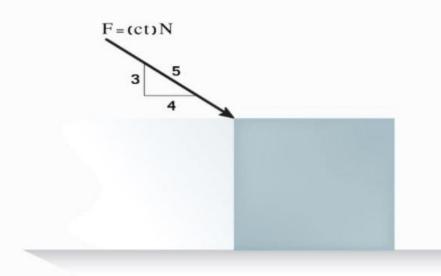
20-P-MOM-PT-003

September 10, 2020

4:25 PM

Determine the impulse of the force F, when c= 12.5 for time t= 2 s, and find the velocity of the box caused by the impulse. Assume the box is initially unmoving, has a mass of 3 kg, and no other forces act on it.





$$= \int_0^0 15.5 \, cge$$

$$=\frac{12.5}{2} \in |\frac{1}{0}| = 12.5 \text{ N} \cdot \text{S}$$

The impulse is 12.5 N.s