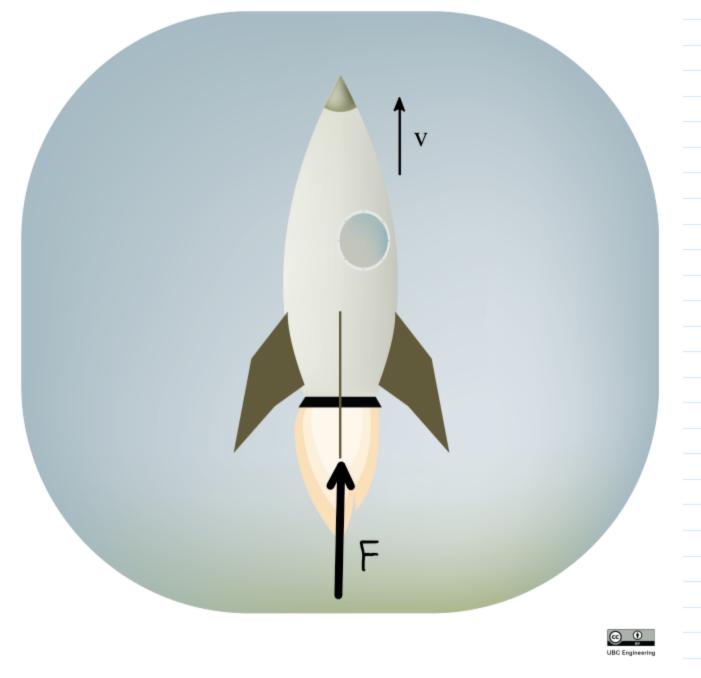
21-P-WE-GD-006



A rocket is taking off from a distant planet with no atmosphere. The rocket starts at rest, has a mass of M Kg and the booster provides a thrust force of $F = (A + Bs^2) N$.

How fast is the rocket travelling when the rocket reaches a height of 3 m?

(Assume q= 4.905 m/s2)

