

Date:

Purpose:

PhET

Momentum in Space

Gate Time: 0 ms

$m = 87.8 \text{ kg}$

0 m/s

Position (m)

80 70 60 50 40 30 20 10 0

Time of Fire

Momentum is being given to the astronaut by the fire extinguisher.

Hit stop to end the impulse at any time.

The impulse will autostop at 10 seconds.

Finished

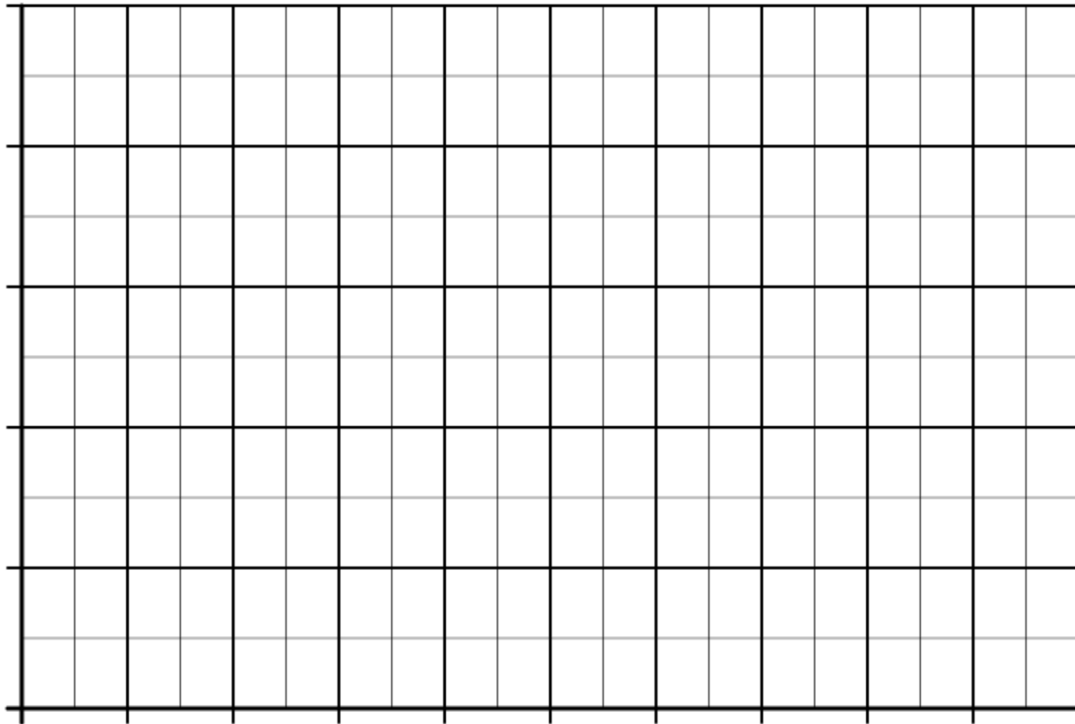
Mass of Astronaut: _____ kg

[illegible]

Name:

Date:

Graph:



Equation:

Conclusion: