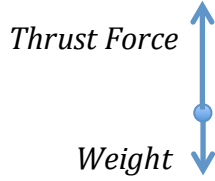


**Forces on the 2-Stage Rocket
Physics**

Name _____
1 2 3 4 5 6 7 8

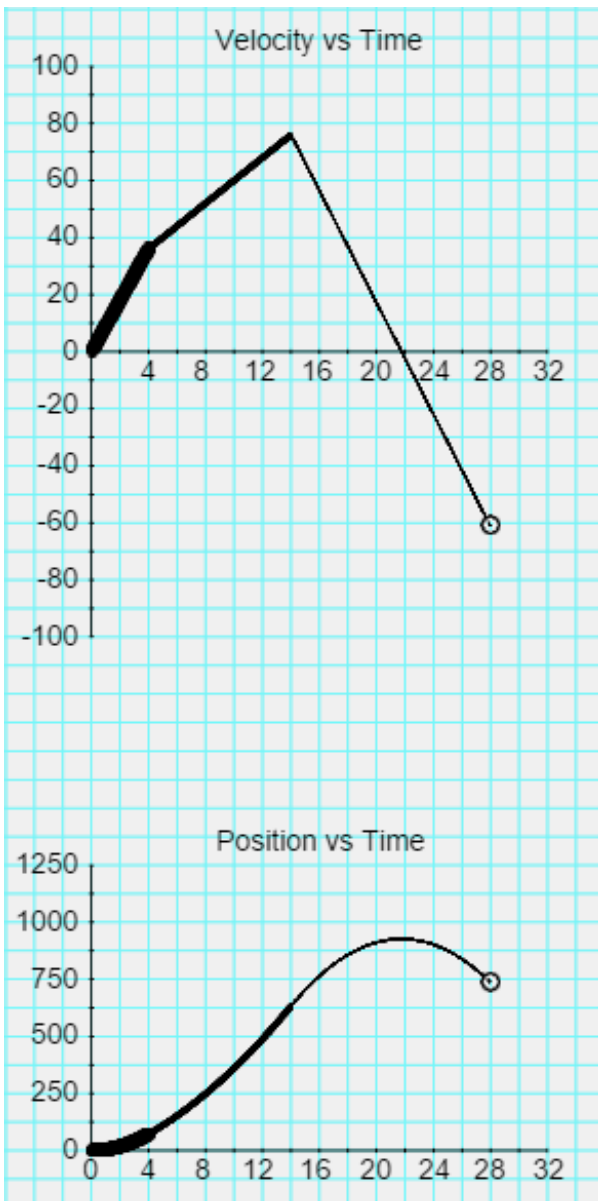
Free Body Diagram



Net Force

A blue arrow points upwards from a central dot. To the right of the arrow is the equation: $Net\ Force = Thrust\ Force - Weight$

COMPLETE THE TABLE BELOW:



Stage 1

a = _____



Stage 2

a = _____



**Out of Fuel,
Traveling Up**

a = _____



**Out of Fuel,
Traveling
Down**

a = _____

	Free Body Diagram	Net Force
Stage 1 a = _____		
Stage 2 a = _____		
Out of Fuel, Traveling Up a = _____		
Out of Fuel, Traveling Down a = _____		