

Using the air pressure rockets you will use your knowledge of projectile motion to calculate the distance the rocket will travel when fired at a 30° launch angle.

TASK	CALCULATION	ANSWER
Find v_o		
Calc. v_{ox} for 30°		
Calc. v_{oy} for 30°		
Calc. t		
Calc. Δx		
Calc. percent error		
Calc. acceleration during time on the launch tube.		
Calc. force in Newtons		
Ex. Cred. Pascal(pa) And psi		