

Rotational drop (15 pts)

Derivation of $a = \frac{g}{1+k}$ - 3 pts

Derivation of $T = \frac{mgk}{1+k}$ - 2 pts

Graph of y vs. t and the function - 4 pts

Graph of v vs. t and the function - 2 pts

Experimental acceleration - 1 pt

Percent error - 1 pt

Experimental tension - 1 pt

Percent error - 1 pt