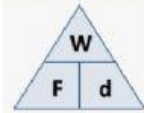
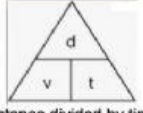
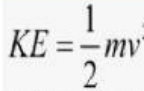
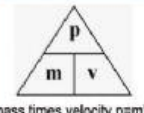
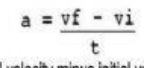
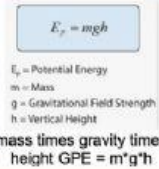
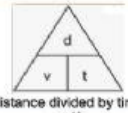


FORCE & MOTION FORMULAS & UNITS
 Drag the formula and unit to the correct boxes.

NAME	FORMULAE	UNITS	DRAG THE FORMULA TO THE CORRECT ROW		
1. force			 force times distance $w=Fd$	 distance divided by time $s=d/t$	 one half of mass times velocity squared
2. velocity			 mass times velocity $p=m*v$	 mass times acceleration $F=ma$	 final velocity minus initial velocity divided by time
3. acceleration			 mass times gravity $F_g=m*g$ ($g=9.8$)	 mass times gravity times height GPE = $m*g*h$	 distance divided by time $s=d/t$

4.	weight			DRAG THE UNITS TO THE CORRECT ROW		
5.	speed			units are newtons (N)	units are newtons (N)	units are kilograms times meters per second ($\text{kg} \cdot \text{m/s}$)
6.	momentum			units are joules (J)	units are joules (J)	units are joules (J)
7.	work			units are meters per second (m/s)	units are meters per second (m/s)	units are meters per second squared (m/s^2)

8.	kinetic energy		
9.	gravitational potential energy		

FORMULAS

UNITS