

Oct. 3 Bob's Ferrari



Bob		Chaz
<u>same</u>	<u>Mass</u>	<u>same</u>
small	Force	<u>Large</u>
small	acceleration	<u>Huge</u>

Newton's 2nd Law
 relates mass Force, and
 acceleration

$$F = MA$$

Force = mass × acceleration

$$A = \frac{F}{m}$$

My acceleration

Time (s)	0	1	2	3	4
"speed" ($\frac{mi}{hr}$)	0	5	10	15	20

I can say I am acc at
 $\frac{5 mi}{hr}$ each second
 or
 $\frac{5 mi}{hr \cdot sec}$

chaz		Bus
Regular	mass	Huge
same	Force	same
Huge		small

