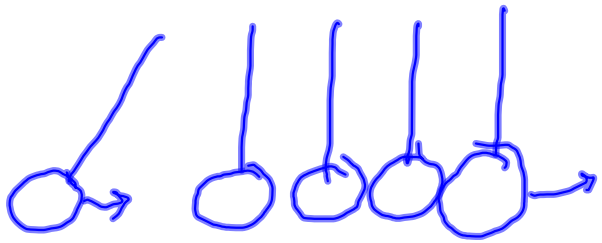
Remember: Permission slips due tomorrow 4/14!

For Evergreen 4/22 (Thursday)

Momentumometer:



momentum = mass × velocity

$p = m \cdot v$

IF YOU KNOW	YOU CAN FIND	BY USING	UNITS
mass (m), velocity (v)	momentum (p)	$p = m \cdot v$	$\frac{kg \cdot m}{s}$
p, v	m	$m = p \div v$	kg
p, m	v	$v = p \div m$	$\frac{m}{s}$

Rabbit velocity of 22 m/s; has momentum of 88 $\frac{kg \cdot m}{s}$. What's its mass?

① $v = 22\ m/s$; $p = 88\ \frac{kg \cdot m}{s}$

② m

③ $m = p \div v$

④ $m = 88 \div 22$

$= 4$

⑤ $m = 4\ kg$

$\frac{1}{2} = .5$

$4\overline{)2}$

8

$0.1 \times$

$\sqrt{\pi} =$