Force	Variable	Unit	Speed	Variable	Unit
F-m.a	F	N	S= d/2	S	ms
F	W	ka	4	d	M
ma	0	MISZ	st	t	S
Acceleration	Variable	Unit	Work	Variable	Unit
a= 24	a	mls^2	W-F.d	\aleph	5
	ΔV	mls		F	N
a t	1	C	FI	d	· M

	neters in 5 seconds. peed of the bike.	A car starts at rest. After 4 seconds it is going 24m/s. What was the car's acceleration?	
Given: s=? d=30 meters t= 5sec	Rearrange:	Given: a=? Δv=24m/s—0m/s t=4 sec	Rearrange:
Equation: $S = \sqrt{4}$	Calculate $S = \frac{30m}{55} = 6 \frac{30m}{5}$	Equation: O= +	Calculate A= 24m/s Car Cm/s ²
A 12 N force pushes of Find the object's o			oushes for 3 m. s done on the object?
Given: F= 12 N m=3 kg a= m/s ²	Rearrange:	Given: W=? F= 10 N d= 3m	Rearrange:
Equation: F= M · G	Calculate A= 12 to A= 4 m/S	Equation: W= F. d	Calculate W=10N.3m
solve the follo A bike goes 10m/s for 20 seconds. traveled. S 0 m s	format as above, wing problems. Calculate how far the bike 2005 15: 205	A person walks 240 meters at 3 m/ 5 3m/s $t = 24 a UOMt = 25 Grandma lives 120 miles away. Do not convert the units.5 bO m/h/$ $t = 2t = 2t = 2t = 3t = 3t$	40m 3 mls L=80 see inner is at 5 p.m. The speed limit