Acceleration and Velocity as Arrows $\sqrt{=-10^{m/s}}$



acceleration tells us how much to change the velocity each second

therefore, the velocity will change by 2 m/s each second.

-10m/s +2m/s=-8m/s acceleration Valarity VIII				
Time	acceleration	arrow	arrou	Velocity
0	2 m/s/s	1		- 10 ^m /s
	2 m/s /s	1	ļ	- 8 m/s
2	2"/5/5	1	\leftarrow	-6 ^{m/s}
S	2 mlsls	1	Y	-4m/s
Ч	2 m/s/s	7	ł	-2 m/s
Ы	2m/s/s	1	V	Om/s
G	2 m/s/s	1	\$	2 m/s
7	2-15/5	\rightarrow	$ \longrightarrow $	c/ m/s
B	2 1/5/5	~	\rightarrow	6 ^m /s

The slope of a Velocity vs. Time graph is the Acceleration The slope of a Distance vs. Time graph is the velocity.









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