

FUNCTIONAL ANALYSIS: FORMULA FOR THE ONE-SENTENCE DESCRIPTION

HARDWARE NAME (NOUN)	SUB-BRANCH (ADJ.)	BRANCH (ADJ.)	FAMILY (NOUN)	FUNCTION (VERB)	FUNCTIONAL ELEMENTS (PREPOSITIONAL PHRASE[_s])	PHASES (VERBS)
A tele- vision receiver	- is a (an) -	electronic	component	converts information	- by means of -	created, accelerated, focused, deflected, & fluoresces
A screw- driver		manually operated	tool	transmits torque		turned in either a clockwise or counter-clock- wise direction
A thermo- stat		bimetallic	electromech- anical	switch		correlated with heating cooling mech- anisms.
A toaster		spring-loaded	electrical	appliance		heated for a controlled period of time
A flush toilet		semi-automa- tic	hydraulic	fixture		initiated by a handle and controlled by a lever and ball inside the tank.

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