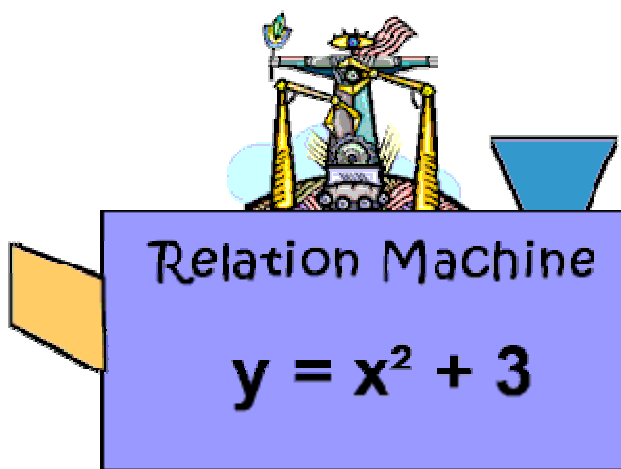
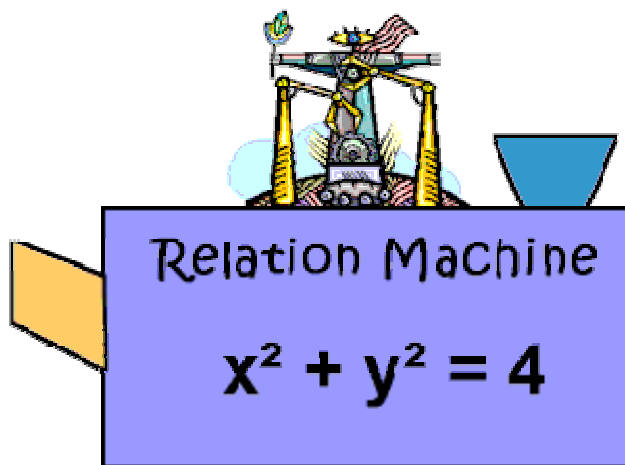


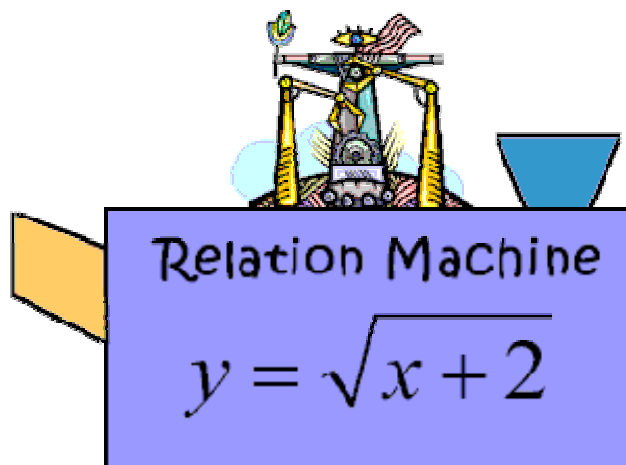
A relation machine accepts  $x$ -value numbers, performs the operation indicated by the relation, and spits out the  $y$ -value answer. Given the following relation machines, find the  $y$ -values that will be spit from the machine and determine if the relation is actually a function for the  $x$ -values given.



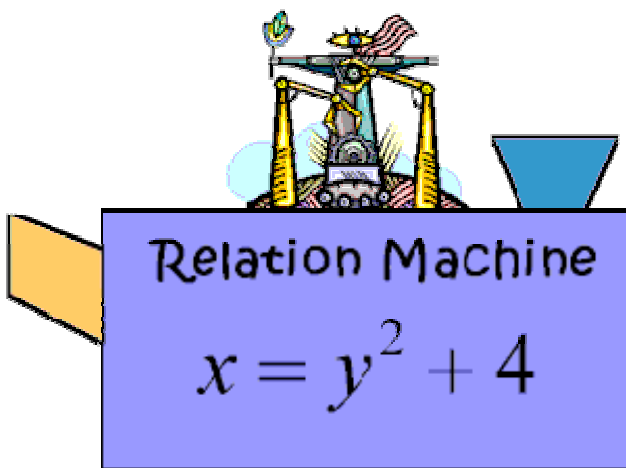
Feed in these $x$ -values	Spit out the $y$ -value answers	Is it a function for these $x$ -values?
1. $x = -3, -2, -1, 0, 1, 2, 3$	$y =$	



Feed in these $x$ -values	Spit out the $y$ -value answers	Is it a function for these $x$ -values?
2. $x = 1, \sqrt{2}, \sqrt{3}$	$y =$	



Feed in these $x$ -values	Spit out the $y$ -value answers	Is it a function for these $x$ -values?
3. $x = -2, -1, 0, 2, 7$	$y =$	



Feed in these $x$ -values	Spit out the $y$ -value answers	Is it a function for these $x$ -values?
4. $x = 4, 8, 13, 20$	$y =$	