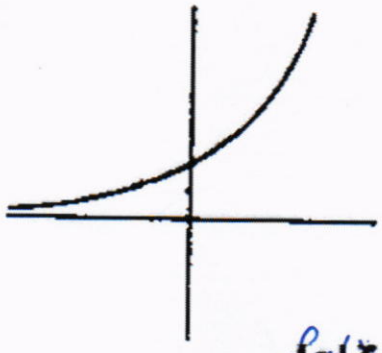
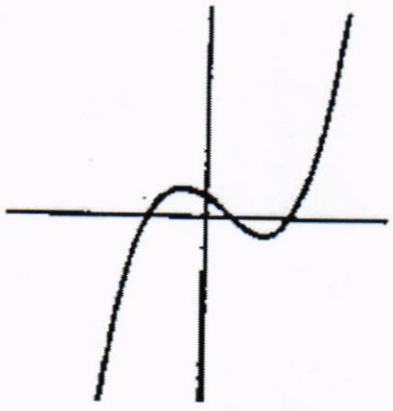


$f_2(x) = 2^x$

(2) $f : R \rightarrow R$ is an onto function if each horizontal line intersects the graph of f at one or more points (at least once)



$f_3(x) = x^3 - 2x^2 - 5x + 6$