Question 24

(a) There exists a real number x such that for all real numbers y, the sum $x + y$ is equal to y

(b) For all real numbers x and all real numbers y, if x is a nonzero positive and y is negative, $x - y$ is positive.

(c) There exists a real number x and there exists a real number y such that x is negative, y is negative and $x - y$ is greater than 0.

(d) For all real numbers x and all real numbers y, if and only if $x \neq 0$ and $y \neq 0$, then $x \times y \neq 0$.