

099 §3.1 #5 12, 20, 28, 38, 46

#511-16 Given x is positive & so is y , determine the quadrant in which each point lies.



#517-26 Determine whether each ordered pair is a solution of the equation

(20) $5x - 3y = 9$

$(0, 3)$: $5(0) - 3(3) = -9 \neq 9$ No for $(0, 3)$

$(\frac{12}{5}, -1)$: $5(\frac{12}{5}) - 3(-1) = 12 + 3 = 15 \neq 9$ Not for $(\frac{12}{5}, -1)$

#527-54 Determine whether each equation is linear or not. SKIP the graphs for now.

(28) $y - x = 8$ is linear

(38) $y = 3x^2$ is NOT linear

(46) $y = |x - 1|$ is NOT linear