

ex. What inequality is represented here? - get equation of line - is the boundary inclusive? doted so ... > < on > - test a point to determine direction of sign \Rightarrow (0,0) LS = 0 RS = -2(b)-3 0 > -3 RS = -3 y > -2x - 3Since LS > RSyour turn pg. 469 y = -2x - 2teot (0,0) y = glass y = aluminium y = aluminium y = 50 y = 30 $1.75y \le -60X + 50$ 1.75 1.75y < -60 x + 50 See example 4 pg. 470 consider domain and Pg. 472 #1ab, 2ab, 4, 5ab, 8ab, 9-11, 13 When y = 0. $\chi = \frac{50}{60} = \frac{5}{6}$ $\chi : \{ y \in \mathbb{R} \mid 0 < x \leq \frac{5}{6} \}$ Homefun: Pg. 472 #1ab, 2ab, 4, 5ab, 8ab, 9-11, 13 when $\chi = 0$ 60(0) + 1.75y = 50 1.75greater yhan $y = \frac{50}{178}$ on graphing alculator