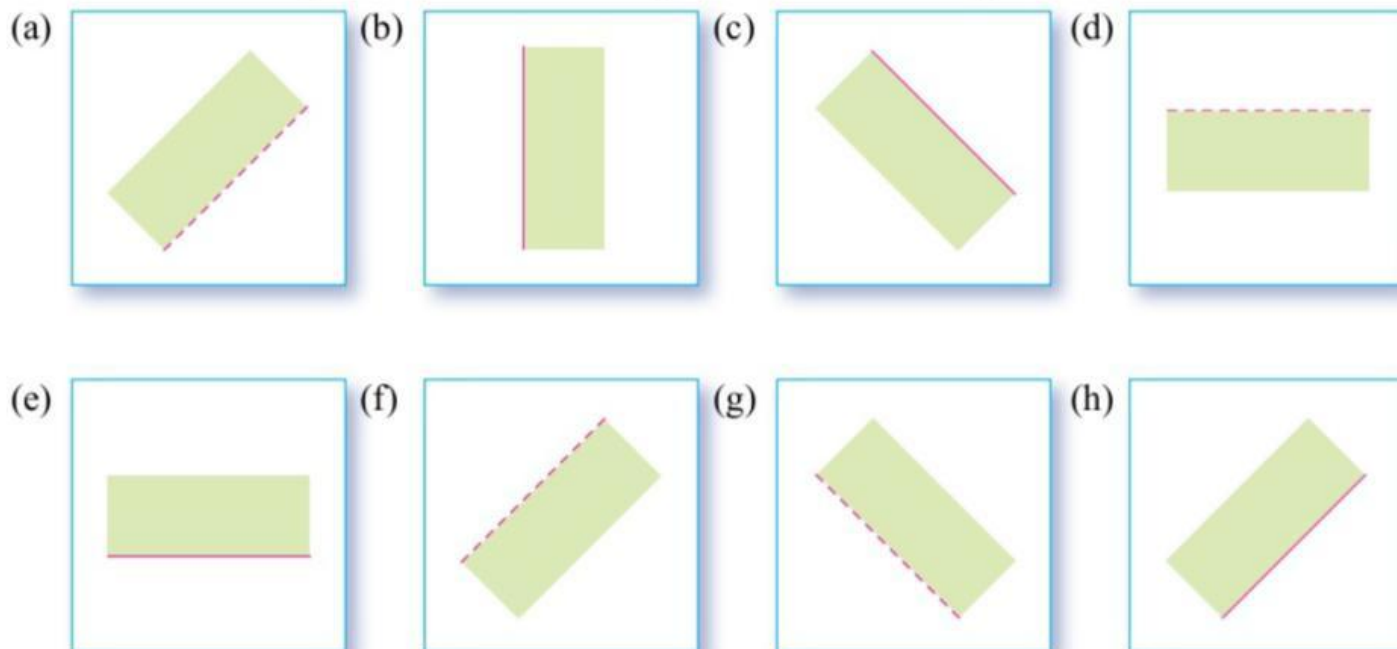


1. Write the linear inequalities that match the given sketch of the regions.



$y > -x - 3$	$y < 4$	$y \leq 4 - x$	$x \geq 0$	$y \geq 0$
$\frac{1}{2}y - x \geq 4$	$y < 2x - 5$	$3y + x > 4$	$x \leq 2 - y$	$y < -1$
$2y > x + 5$	$-y > 8 - 2x$	$y + x \leq 2$	$2y < x$	$2y \geq x$
$y \leq -\frac{1}{2}x$	$x \geq -5$	$-y \leq 4 - x$	$y \geq 10$	$y - x > 8$