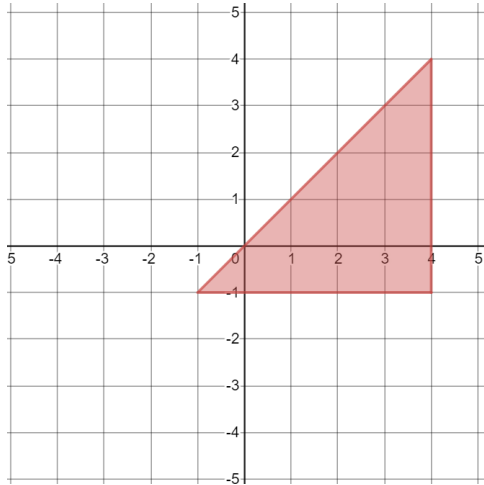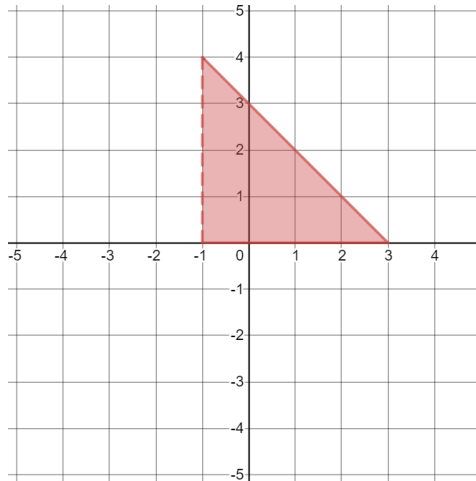# Shading and Describing Harder Graphical Inequalities

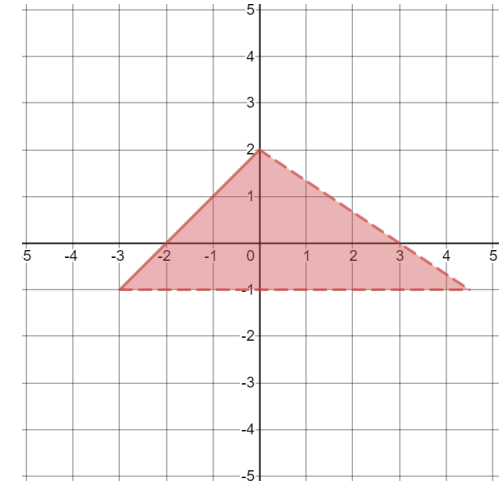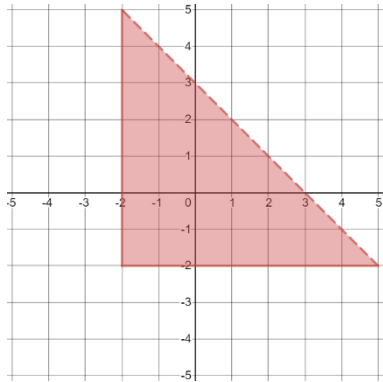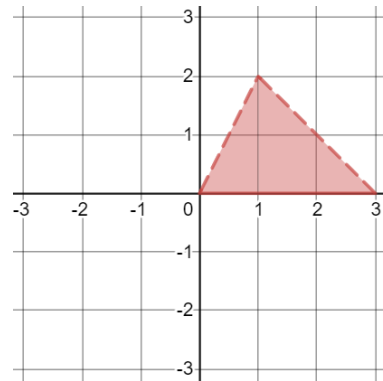| Shade the region that satisfies the inequalities $x \leq 4$ $y \geq -1$ $y \leq x$	Shade the region that satisfies the inequalities $x > -1$ $y \geq 0$ $x + y \leq 3$	Shade the region that satisfies the inequalities $2x + 3y < 6$ $y \leq x + 2$ $y > -1$

Write down the inequalities which fully describe the shaded region.	Write down the inequalities which fully describe the shaded region.	Write down the inequalities which fully describe the shaded region.
$x \geq -2$ $y \geq -2$ $x + y < 3$	$y \geq 0$ $y < 2x$ $x + y < 3$	$x \geq -3$ $y > 0.5x - 1$ $y \leq -x$