3G Shading Inequality Regions
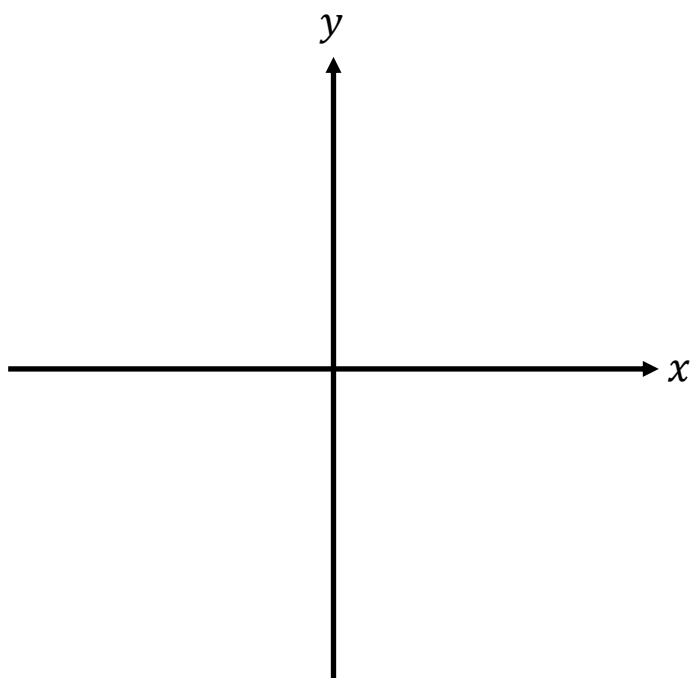
1. On graph paper, show the region that satisfies the following inequalities:

$$y \geq -2$$

$$x < 5$$

$$y \leq 3x + 2$$

$$x > 0$$

y

x

2. On graph paper, show the region that satisfies the following inequalities:

$$2y + x < 14$$

$$y > x^2 - 3x - 4$$