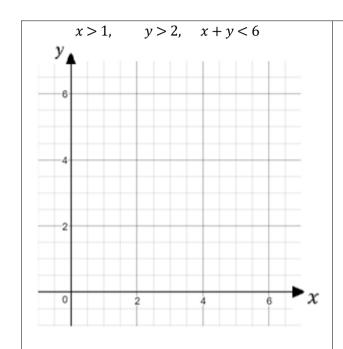
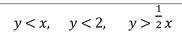
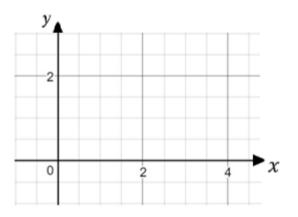
## **Shading Regions Defined by Inequalities**

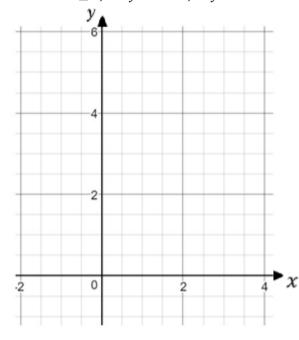
For each question, shade the region that satisfies all three inequalities.







$$x \le 3, \qquad y - x < 2, \quad y > 1$$



$$2x + 3y \ge 6$$
,  $2x + 6y < 12$ ,  $y \ge 0$ 

