Linear Inequality

Name: [_____]   Class: [_____]

1. Drag the linear inequality then drop it to the box below the right graph!

[_____]   [_____]   [_____]
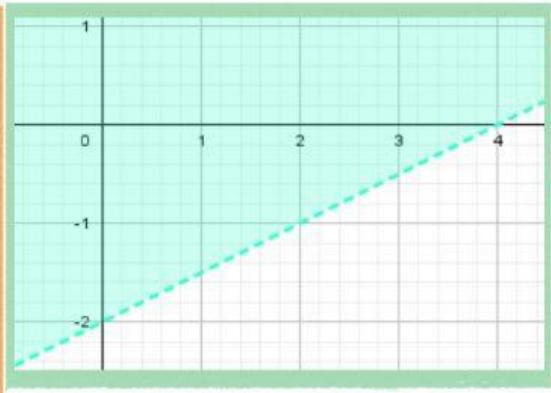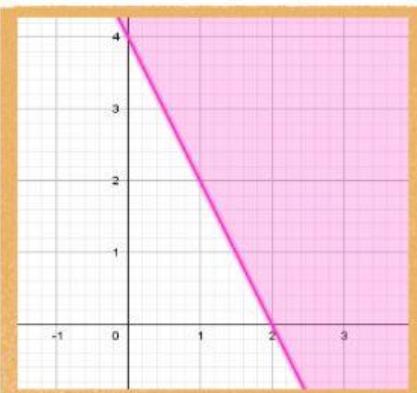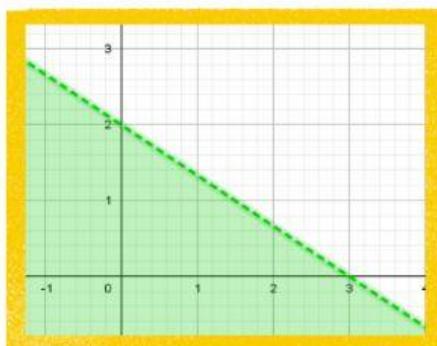
$$2x + 3y < 6$$
$$4x + 2y \geq 8$$

$$3x + 7y < 8$$
$$x + 2y \leq 4$$

$$x - 2y < 4$$

2. Join with arrows a true statement between the left side to the right side!

$5x + 4y < 20$ 🟢   🟡 $5x + 7y < 35$

🟡 It will be a dashed boundary

🟢 The intersection point with Y-axis is $(4,0)$
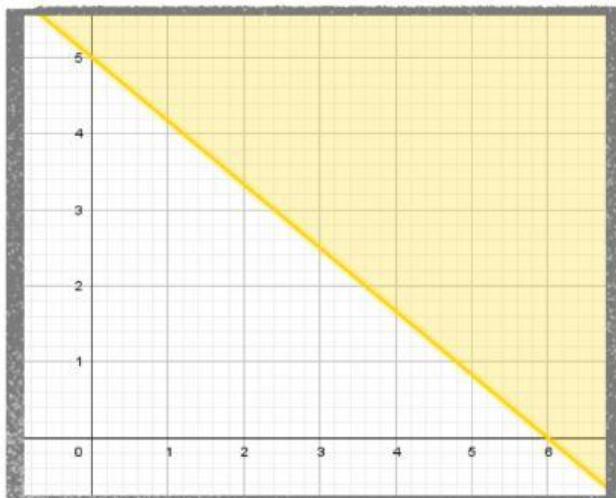
🟡 $5x + 6y \geq 30$

The intersection point with X-axis is $(7,0)$ 🟢   🟡 It will be a solid boundary