FLUENCY PRACTICE: Graphing Systems of Parallel Linear Inequalities

Period:

Directions: Graph each system of parallel linear inequalities and shade the correct region of solutions.

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1.
$$y < -\frac{3}{4}x + 3$$
 and $y \le -\frac{3}{4}x - 4$

Name:_____

2.
$$y-7 < -2(x-5)$$
 and $y+6 > -2(x+2)$

3. $2x - 3y \le 6$ and 2x - 3y < -12

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5.
$$y \ge \frac{3}{4}x + 5$$
 and $y > \frac{3}{4}x - 6$

4.
$$5x - 4y \le 15$$
 and $5x - 4y > -12$