

Lesson 7.8 Optional HW

Solve the rational inequalities. State your answer in interval notation.

$$1) \frac{x-7}{x-1} < 0$$

$$2) \frac{x+5}{x-4} \leq 0$$

$$3) \frac{x+32}{x+6} \leq 3$$

$$4) \frac{x+68}{x+8} \geq 5$$

$$5) \frac{(x+3)(x+5)}{x+2} \geq 0$$

$$6) \frac{x+6}{x^2-5x-24} \geq 0$$