

EMT 111/112 Assignment 2(Make-up)

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Due Friday October 30, 2009

1. Solve the inequality and sketch the solution on a coordinate line.

(a) $\frac{x-3}{2x+5} \geq 1$

(b) $\frac{x}{5} < \frac{x-4}{3}$

(c) $x^3 - 3x^2 - 4x + 12 \geq 0$

(d) $|5x - 7| < 3$

2. Solve for x: $|6x - 7| = |3 + 2x|$