

**Quiz 3    Algebra & Trig    2/21/2003**

Each problem is worth 5 points. For full credit provide complete justification for your answers.

1. Solve the system of equations  $\begin{matrix} 3s - 5t = -30 \\ 7s + 11t = 32 \end{matrix}$  by substitution.

2. Rewrite  $-3 \leq x < 2$  in interval notation and graph on a number line.