

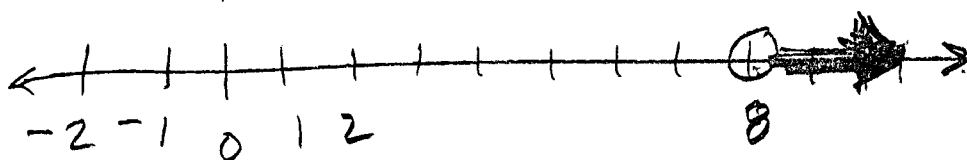
Algebra 1 Tuesday 11-13-12 Class Notes

① $7p - 5p > 16$

$$\frac{2p}{2} > \frac{16}{2}$$

$p > 8$

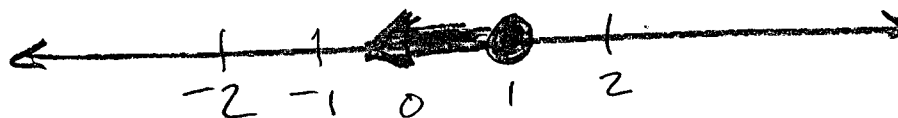
$8 < p$
 $p > 8$



② $-6r - 7r \geq -13$

$$\frac{-13r}{-13} \geq \frac{-13}{-13}$$

$r \leq 1$



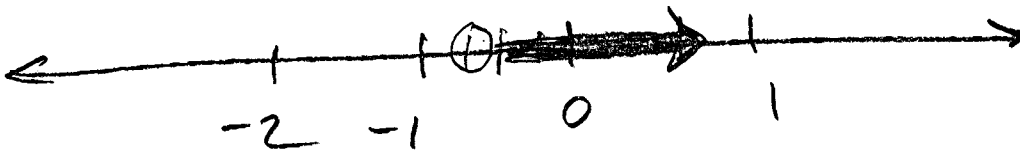
$$\textcircled{9} \quad \frac{48}{7} > -\frac{6}{1}p - \frac{22}{7}p$$

$$\frac{48}{7} > -\frac{42}{7}p - \frac{22}{7}p$$

$$\frac{48}{7} > \left(-\frac{64}{7}\right)p - \frac{7}{64}$$

$\frac{48}{7} + \frac{7}{64} > -\frac{64}{7}p$
 $\frac{3073}{448} > -\frac{64}{7}p$
 $-\frac{3073}{448} < p$
 $p > -\frac{3}{4}$

$$p > -\frac{3}{4}$$



$$\begin{aligned} \textcircled{17} \quad & -6(1-5N) \geq 114 \\ & \quad \quad \quad \downarrow \\ & -6 + 30N \geq 114 \\ & +6 \qquad \qquad \qquad +6 \\ & \quad \quad \quad \frac{30N}{30} \geq \frac{120}{30} \\ & \quad \quad \quad \boxed{N \geq 4} \end{aligned}$$

