

Softbook Pg 15

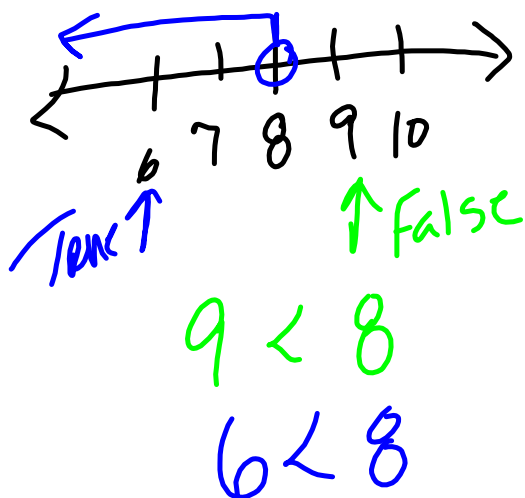
Chap 2 Sec 2

Solving Inequalities

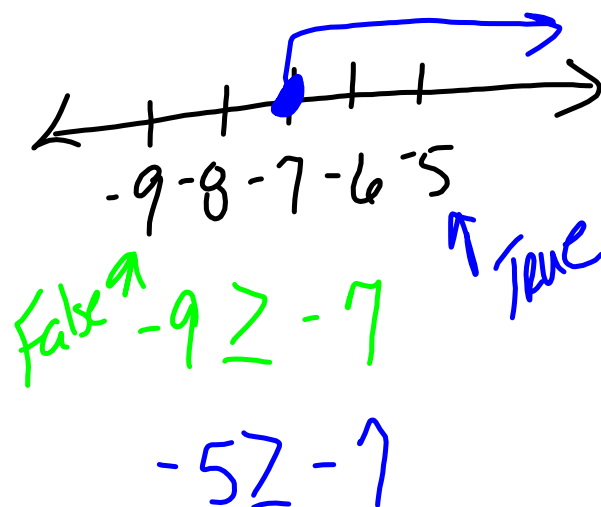
Using Addition and Subtraction

Solve the inequality & graph

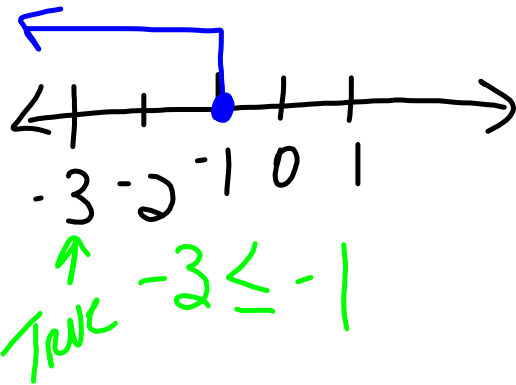
$$\begin{array}{r} 1) \quad m - 5 < 3 \\ \quad +5 \quad +5 \\ \hline m < 8 \end{array}$$



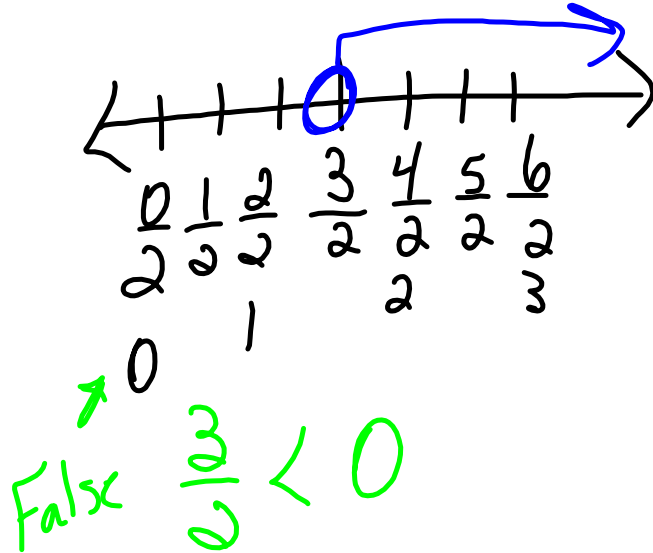
$$\begin{array}{r} 2) \quad n + 3 \geq -4 \\ \quad -3 \quad -3 \\ \hline n \geq -7 \end{array}$$



$$\begin{array}{r} 3) \quad p - 7 \leq -8 \\ \quad \quad +7 \quad +7 \\ \hline p \leq -1 \end{array}$$



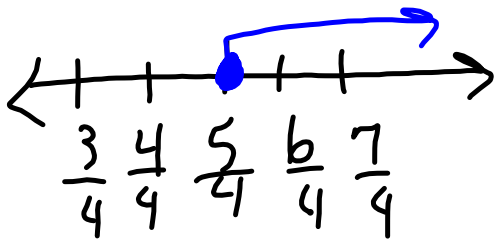
$$\begin{array}{r} 4) \quad 4 < q + \frac{5}{2} \\ \quad \quad -\frac{5}{2} \quad -\frac{5}{2} \\ \hline \frac{3}{2} < q \end{array}$$



$$5) R - \frac{3}{4} \geq \frac{1}{2}$$

$$+ \frac{3}{4} \quad + \frac{3}{4}$$

$$R \geq \frac{5}{4}$$



↗
false $1 \geq \frac{5}{4}$