Section 2.6 Focus Exercises

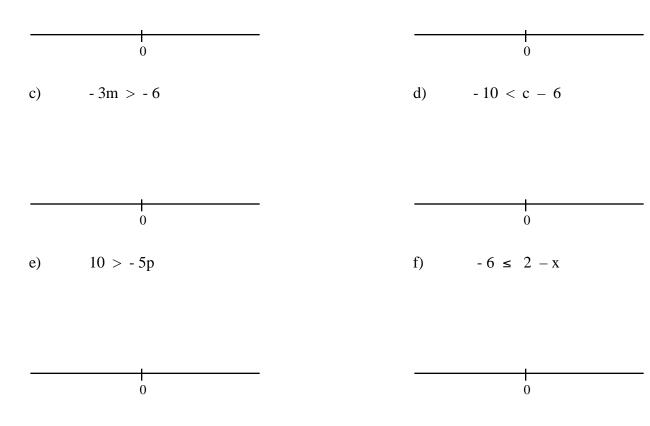
- 1. Switch sides and change the direction of the inequality sign; do not solve.
 - a) -3 < x b) $6 \ge y 8$ c) 5 4m > 2m 3

2. Multiply each side by -1 and change the direction of the inequality sign; do not solve.

a) -w < 9b) $-x \ge -3$ c) $12 \le -4x$ d) -15 > -3ye) $-2p + 7 \le -9$ f) 7 - k < -4k - 8

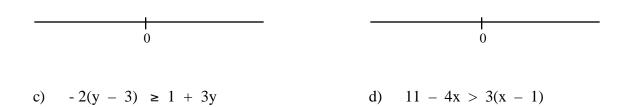
3. Solve each of these inequalities. Be sure to write the solution with the *variable on the left* and draw its graph on the number line provided.

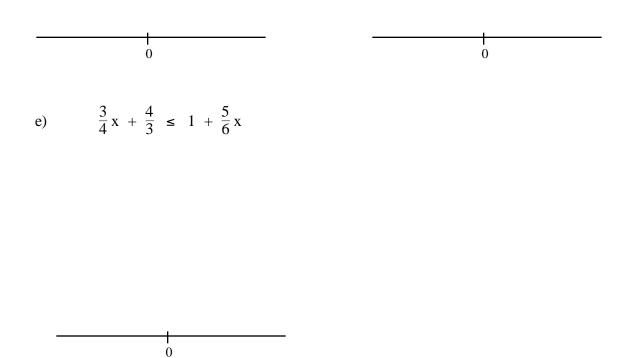
	a)	$y - 3 \ge 2$	b)	$-x + 1 \leq -7$
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4. Solve each of these inequalities. Be sure to write the solution with the *variable on the left* and draw its graph on the number line provided.

a)
$$4x < 3x - 6$$
 b) $x - 6 \le 2x + 5$





Solving Linear Inequalities