

Do Now:

<p>Simplify:</p> <p>a) $3x - 16 - 2x - 5$</p>	<p>b) $-5h + 6 - 8h - 12$</p>
<p>c) $-2(w + 5) + 7w$</p>	<p>d.) $-\frac{1}{2}(-4c - 6) - 3c$</p>

Solve and graph the solution to each inequality.

1) $2x + 14 \leq 24$



2) $4(n-3) + 5 > 21$



3) $6x + 2 + 3x \geq 14$



4) $5(x+3) + 2x < 64$



Solve and graph the solution to each inequality.

$$5) 4(x - 2) \geq 3(x - 1)$$

$$6) 28 - k \geq 7(k - 4)$$

$$7) 3(x+4) - x < 8x - 18$$

$$8) -5(x+3) + 2x < 9 - x$$

Solve and graph the solution for each of the following:

$$1) -6(x - 2) \geq -3(4x - 1)$$

$$2) \frac{3}{5}m + 6 + \frac{7}{5}m - 4 \leq 12$$

$$3) (x + 8) - 2x < x - 26$$

$$4) 4x + 3(x - 5) > 2(6x + 3) - 4x$$