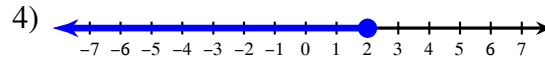
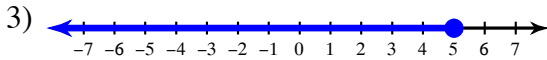
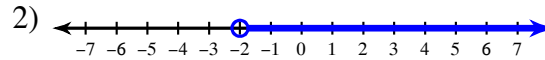
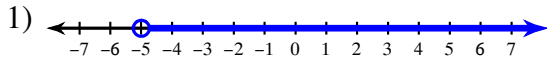
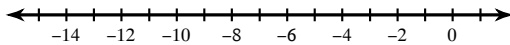


Compound Inequalities write and solve

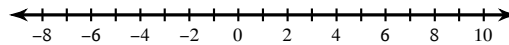
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Write an inequality for each graph.**Solve each compound inequality and graph its solution.**

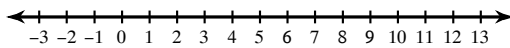
5) $8k + 10 > -14$ or $2k + 2 \leq -18$



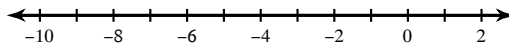
6) $-30 \leq 3p - 9 < 12$



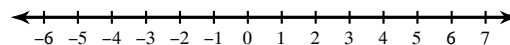
7) $2x - 7 < -5$ or $10x + 5 \geq 85$



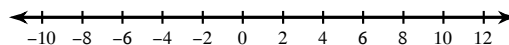
8) $-4 \leq -3x - 4 \leq 20$



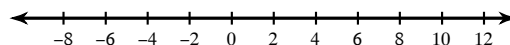
9) $10 + 9r < -17$ or $2r + 10 > 16$



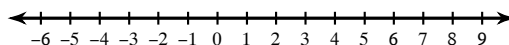
10) $m + 4 > -3$ and $9m + 5 < 95$



11) $9 + 2a < 1$ or $-4a + 6 < -22$



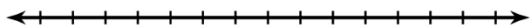
12) $7x + 7 < 0$ or $5x + 9 > 29$



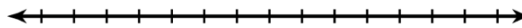
Compound Inequalities Homework Page 2

Continue to solve the following inequalities, and then graph their solutions.

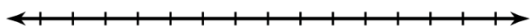
13) $-4 \leq \frac{w}{-3} < 7$



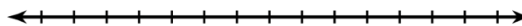
14) $9r - 25 \geq 2r - 4$ or $-9 - 8r \geq -5r + 9$



15) $-6x + 8 \geq -46$ AND $8 - 5x \leq -2$



16) $12 \leq 4(p + 8) \leq 72$

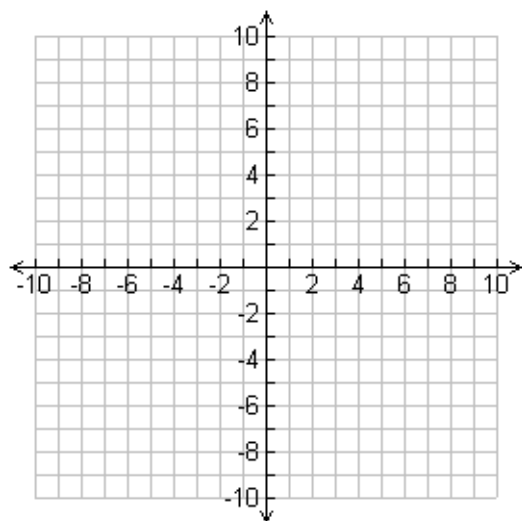


Review from past modules!!

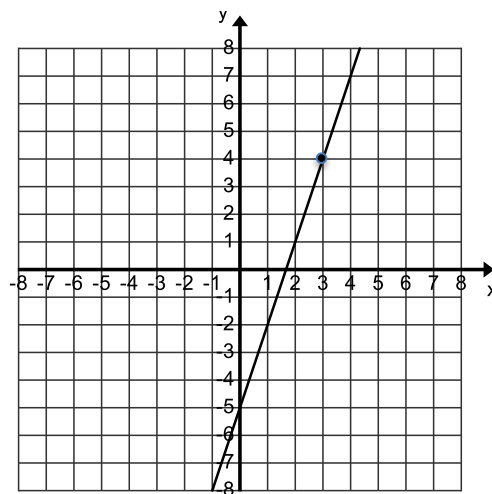
17) Graph the following 2 lines on the same graph.

$f(x) = 3x - 4$

$f(x) = -2(x - 1) + 2$



18) Write an equation for the line shown in point slope and slope intercept form.



Point-Slope _____

Slope-Intercept _____