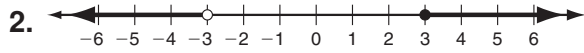
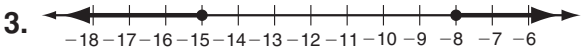


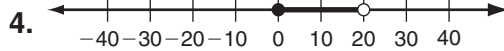
LESSON
3-6 **Practice B**
Solving Compound Inequalities

Write the compound inequality shown by each graph.



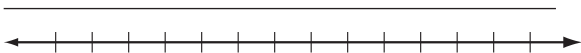




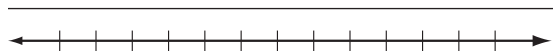


Solve each compound inequality and graph the solutions.

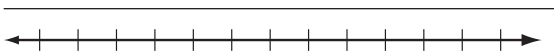
5. $-15 < x - 8 < -4$



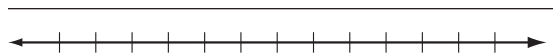
6. $12 \leq 4n < 28$



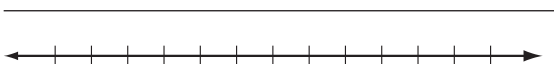
7. $-2 \leq 3b + 7 \leq 13$



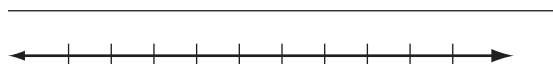
8. $x - 3 < -3$ OR $x - 3 \geq 3$



9. $5k \leq -20$ OR $2k \geq 8$

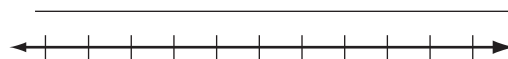


10. $2s + 3 \leq 7$ OR $3s + 5 > 26$



Write a compound inequality for each problem. Graph the solutions.

11. The human ear can distinguish sounds between 20 Hz and 20,000 Hz, inclusive.



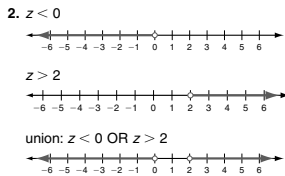
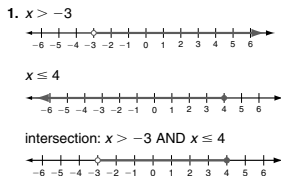
12. For a man to box as a welterweight, he must weigh more than 140 lbs, but at most 147 lbs.



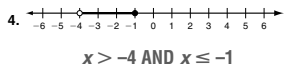
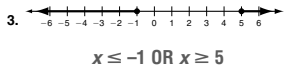
LESSON Practice A

3-6 Solving Compound Inequalities

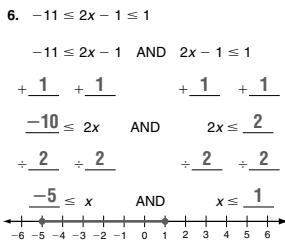
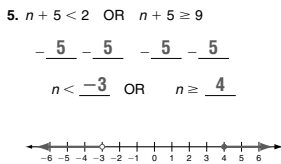
Graph each inequality, and then graph the compound inequality.



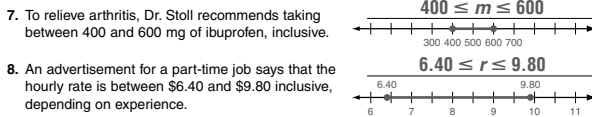
Write the compound inequality shown by each graph.



Fill in the blanks to solve each compound inequality. Graph the solutions.



Write a compound inequality for each problem. Graph the solutions.

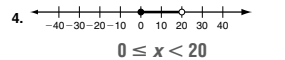
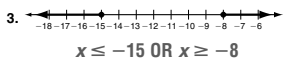
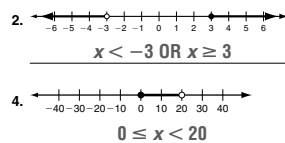
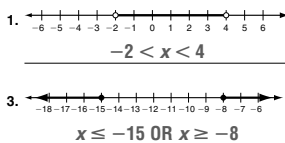


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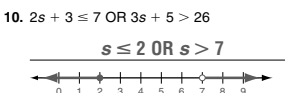
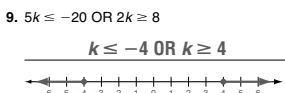
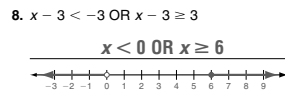
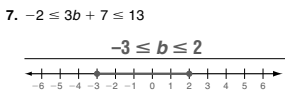
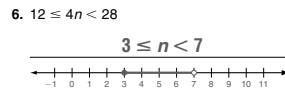
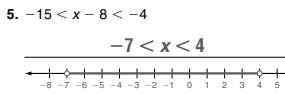
LESSON Practice B

3-6 Solving Compound Inequalities

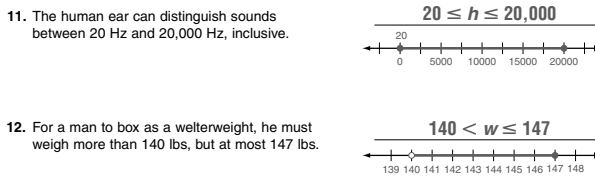
Write the compound inequality shown by each graph.



Solve each compound inequality and graph the solutions.



Write a compound inequality for each problem. Graph the solutions.

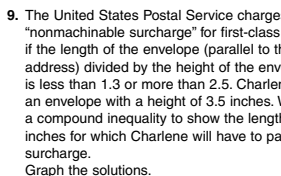
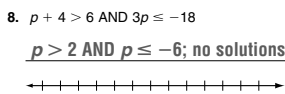
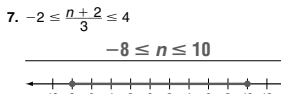
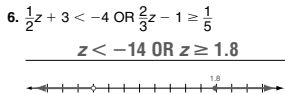
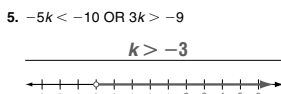
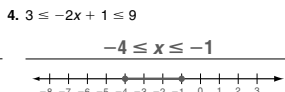
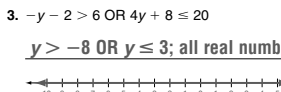
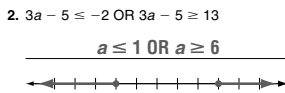
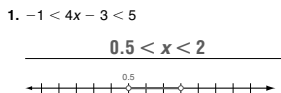


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LESSON Practice C

3-6 Solving Compound Inequalities

Solve each compound inequality and graph the solutions.



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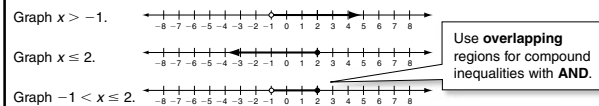
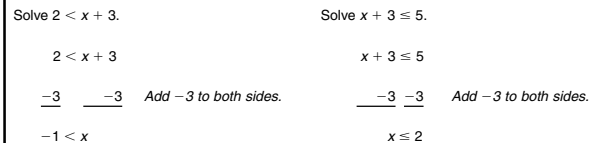
LESSON Reteach

3-6 Solving Compound Inequalities

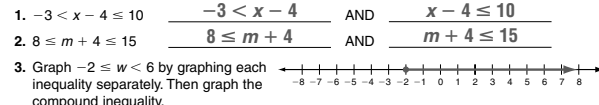
Compound inequalities using AND require you to find solutions so that two inequalities will be satisfied at the same time.

Solve $2 < x + 3 \leq 5$ and graph the solutions.

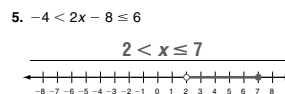
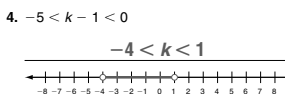
The two inequalities are: $2 < x + 3$ AND $x + 3 \leq 5$.



Write the two inequalities that must be solved in order to solve each compound inequality.



Solve each compound inequality and graph the solutions.



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