



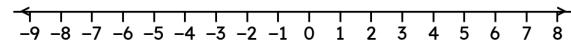
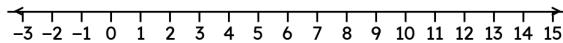
Name: _____

Date: _____

Unit 3 – Compound Inequalities – Mixed

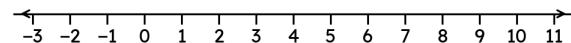
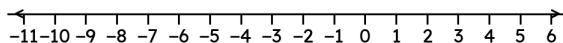
1. $-10 \leq -2x + 10 \leq 6$

2. $-10 < 2x - 2 < 4$



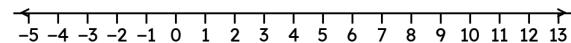
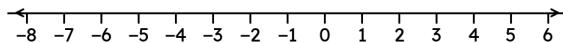
3. $-22 < 5x + 8 < 13$

4. $4 \leq 2x + 0 \leq 12$



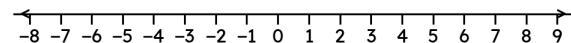
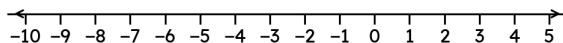
5. $-3 \leq 3x + 6 \leq 9$

6. $-8 \leq -2x + 8 \leq 8$



7. $3 < -3x + 3 < 18$

8. $3x + 7 < -2 \text{ or } 3x + 7 > 19$





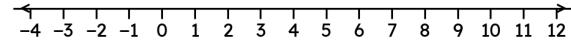
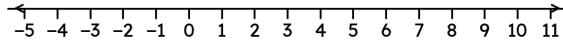
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Unit 3 – Compound Inequalities – Mixed

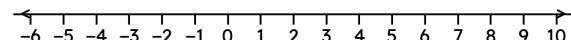
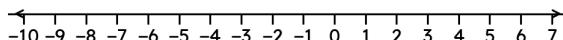
9. $-3 \leq 2x - 3 \leq 9$

10. $2x + 7 < 9$ or $2x + 7 > 21$



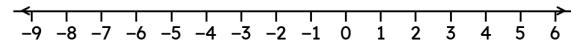
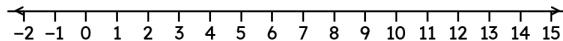
11. $3x - 3 < -18$ or $3x - 3 > 3$

12. $2x + 1 \leq -1$ or $2x + 1 \geq 11$



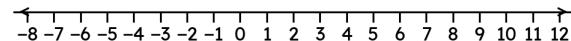
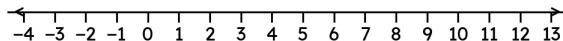
13. $16 \leq 3x + 7 \leq 37$

14. $0 < -4x + 4 < 20$



15. $-37 \leq -4x - 5 \leq -9$

16. $4x - 1 \leq -13$ or $4x - 1 \geq 27$



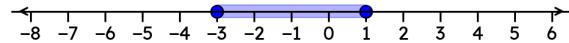


Unit 3 – Compound Inequalities – Mixed – Answer Key

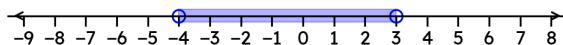
1. $-10 \leq -2x + 10 \leq 6$



5. $-3 \leq 3x + 6 \leq 9$



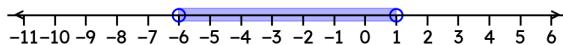
2. $-10 < 2x - 2 < 4$



6. $-8 \leq -2x + 8 \leq 8$



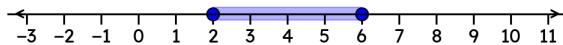
3. $-22 < 5x + 8 < 13$



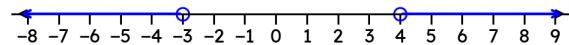
7. $3 < -3x + 3 < 18$



4. $4 \leq 2x + 0 \leq 12$



8. $3x + 7 < -2 \text{ or } 3x + 7 > 19$





Unit 3 – Compound Inequalities – Mixed – Answer Key

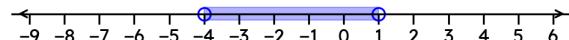
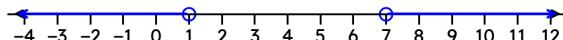
$$9. -3 \leq 2x - 3 \leq 9$$

$$13. 16 \leq 3x + 7 \leq 37$$



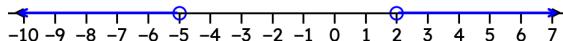
$$10. 2x + 7 < 9 \text{ or } 2x + 7 > 21$$

$$14. 0 < -4x + 4 < 20$$



$$11. 3x - 3 < -18 \text{ or } 3x - 3 > 3$$

$$15. -37 \leq -4x - 5 \leq -9$$



$$12. 2x + 1 \leq -1 \text{ or } 2x + 1 \geq 11$$

$$16. 4x - 1 \leq -13 \text{ or } 4x - 1 \geq 27$$

