

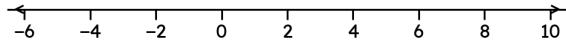


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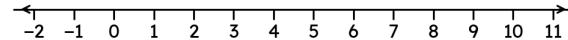
Date: _____

Compound Inequalities – Challenge

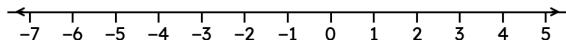
1. $3x + 4 \leq -8$ or $3x + 4 \geq 19$



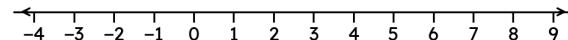
2. $-30 < -4x - 2 < -10$



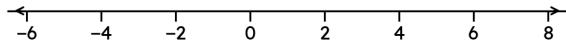
3. $3x + 9 \leq -6$ or $3x + 9 \geq 12$



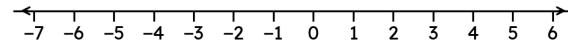
4. $-3x - 9 < -9$ or $-3x - 9 > -24$



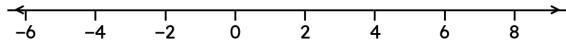
5. $0 \leq -3x + 9 \leq 12$



6. $5x + 7 \leq -18$ or $5x + 7 \geq 27$



7. $1 \leq 2x + 7 \leq 15$



8. $3x + 5 \leq -13$ or $3x + 5 \geq 5$



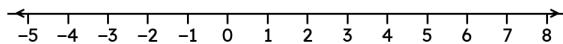


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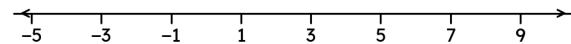
Date: _____

Compound Inequalities – Challenge

9. $4x - 6 \leq -10$ or $4x - 6 \geq 18$



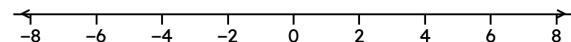
10. $4x - 6 \leq -18$ or $4x - 6 \geq 14$



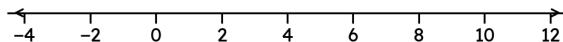
11. $-6 \leq -2x + 2 \leq 2$



12. $-14 \leq 2x - 8 \leq 0$



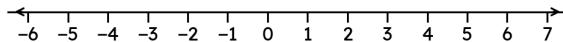
13. $3x + 9 < 12$ or $3x + 9 > 39$



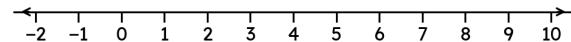
14. $14 < 3x + 5 < 35$



15. $5x - 8 < -13$ or $5x - 8 > 17$



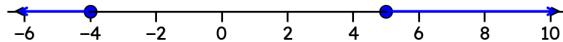
16. $-6 \leq 4x - 10 \leq 10$





Compound Inequalities – Challenge – Answer Key

$$1. 3x + 4 \leq -8 \text{ or } 3x + 4 \geq 19$$



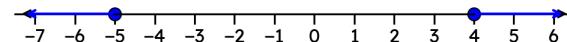
$$5. 0 \leq -3x + 9 \leq 12$$



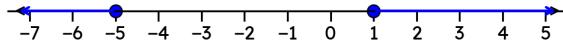
$$2. -30 < -4x - 2 < -10$$



$$6. 5x + 7 \leq -18 \text{ or } 5x + 7 \geq 27$$



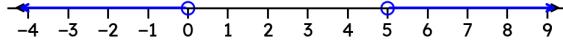
$$3. 3x + 9 \leq -6 \text{ or } 3x + 9 \geq 12$$



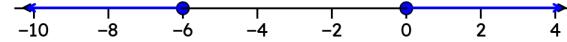
$$7. 1 \leq 2x + 7 \leq 15$$



$$4. -3x - 9 < -9 \text{ or } -3x - 9 > -24$$



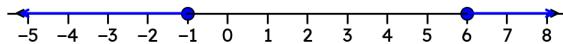
$$8. 3x + 5 \leq -13 \text{ or } 3x + 5 \geq 5$$



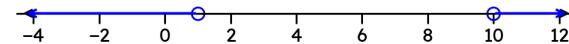


Compound Inequalities – Challenge – Answer Key

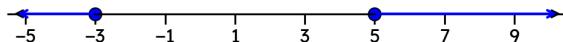
9. $4x - 6 \leq -10$ or $4x - 6 \geq 18$



13. $3x + 9 < 12$ or $3x + 9 > 39$



10. $4x - 6 \leq -18$ or $4x - 6 \geq 14$



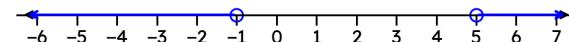
14. $14 < 3x + 5 < 35$



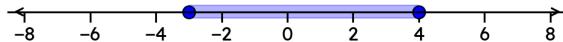
11. $-6 \leq -2x + 2 \leq 2$



15. $5x - 8 < -13$ or $5x - 8 > 17$



12. $-14 \leq 2x - 8 \leq 0$



16. $-6 \leq 4x - 10 \leq 10$

