

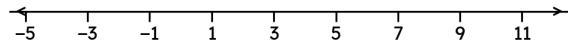


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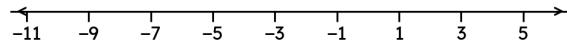
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# Algebra 1 – Unit 3 – Compound Inequalities – Mixed (Challenge)

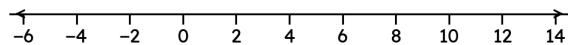
1.  $-3x + 0 < 0$  or  $-3x + 0 > -21$



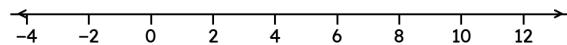
2.  $-2x - 5 \leq 7$  or  $-2x - 5 \geq -7$



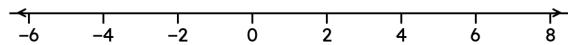
3.  $-4x - 5 < -1$  or  $-4x - 5 > -41$



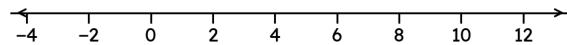
4.  $-26 < -2x - 10 < -12$



5.  $5 \leq 5x + 10 \leq 25$



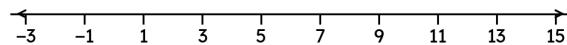
6.  $-4x + 0 \leq -4$  or  $-4x + 0 \geq -32$



7.  $-25 < -4x + 3 < -9$



8.  $4x + 7 < 15$  or  $4x + 7 > 47$



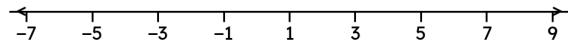


Name: \_\_\_\_\_

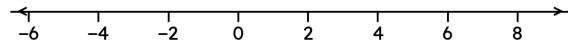
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# Algebra 1 – Unit 3 – Compound Inequalities – Mixed (Challenge)

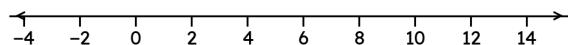
9.  $-3x - 3 \leq 3$  or  $-3x - 3 \geq -15$



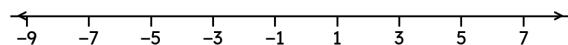
10.  $0 \leq 4x + 4 \leq 20$



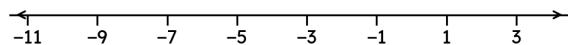
11.  $-4x - 3 < -7$  or  $-4x - 3 > -43$



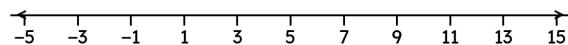
12.  $-3x + 1 < 13$  or  $-3x + 1 > -8$



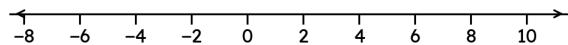
13.  $2x + 8 \leq -4$  or  $2x + 8 \geq 6$



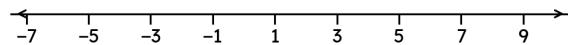
14.  $5x - 2 \leq -2$  or  $5x - 2 \geq 48$



15.  $-2x + 1 < 7$  or  $-2x + 1 > -11$



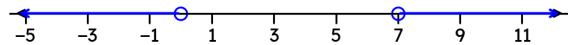
16.  $-6 < -3x + 9 < 15$





# Algebra 1 - Unit 3 - Compound Inequalities - Mixed (Challenge) - Answers

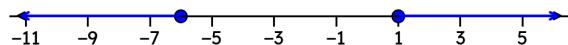
1.  $-3x + 0 < 0 \text{ or } -3x + 0 > -21$



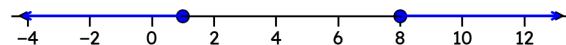
5.  $5 \leq 5x + 10 \leq 25$



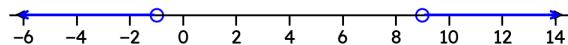
2.  $-2x - 5 \leq 7 \text{ or } -2x - 5 \geq -7$



6.  $-4x + 0 \leq -4 \text{ or } -4x + 0 \geq -32$



3.  $-4x - 5 < -1 \text{ or } -4x - 5 > -41$



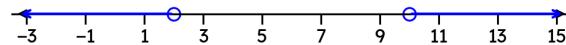
7.  $-25 < -4x + 3 < -9$



4.  $-26 < -2x - 10 < -12$



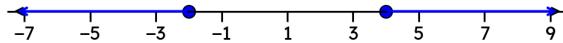
8.  $4x + 7 < 15 \text{ or } 4x + 7 > 47$



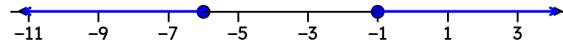


# Algebra 1 - Unit 3 - Compound Inequalities - Mixed (Challenge) - Answers

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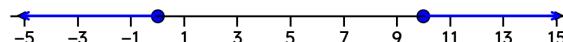
13.  $2x + 8 \leq -4$  or  $2x + 8 \geq 6$



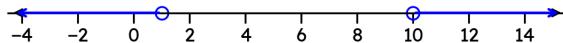
10.  $0 \leq 4x + 4 \leq 20$



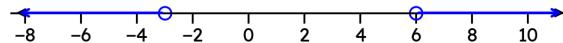
14.  $5x - 2 \leq -2$  or  $5x - 2 \geq 48$



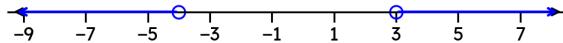
11.  $-4x - 3 < -7$  or  $-4x - 3 > -43$



15.  $-2x + 1 < 7$  or  $-2x + 1 > -11$



12.  $-3x + 1 < 13$  or  $-3x + 1 > -8$



16.  $-6 < -3x + 9 < 15$

