

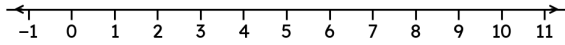


Name: \_\_\_\_\_

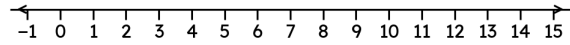
Date: \_\_\_\_\_

## Unit 3 – Compound Inequalities – Mixed

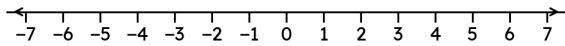
1.  $5 < 3x - 4 < 17$



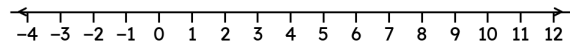
2.  $4 < 2x - 2 < 20$



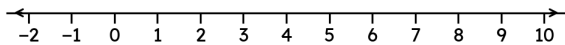
3.  $3x + 1 < -8$  or  $3x + 1 > 10$



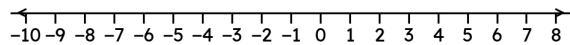
4.  $2x + 8 < 8$  or  $2x + 8 > 24$



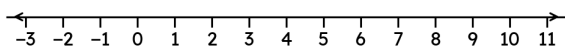
5.  $2 < 4x - 6 < 18$



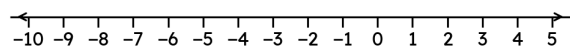
6.  $4x - 4 < -28$  or  $4x - 4 > 12$



7.  $6 \leq 3x + 3 \leq 24$



8.  $3x + 2 \leq -16$  or  $3x + 2 \geq 5$



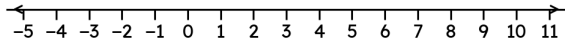


Name: \_\_\_\_\_

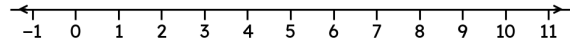
Date: \_\_\_\_\_

## Unit 3 – Compound Inequalities – Mixed

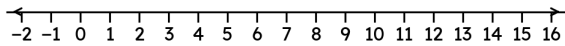
9.  $-7 \leq 3x - 4 \leq 17$



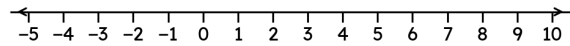
10.  $10 \leq 2x + 4 \leq 18$



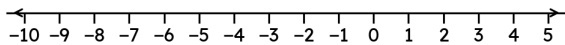
11.  $3x + 8 \leq 14$  or  $3x + 8 \geq 44$



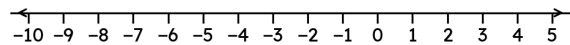
12.  $-3 < 2x - 1 < 11$



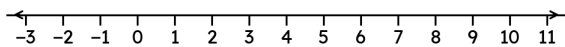
13.  $3x - 4 < -22$  or  $3x - 4 > -1$



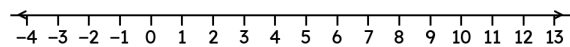
14.  $-31 < 5x - 1 < 4$



15.  $5x - 8 < -3$  or  $5x - 8 > 27$



16.  $3x - 7 \leq -7$  or  $3x - 7 \geq 20$





# Unit 3 – Compound Inequalities – Mixed – Answer Key

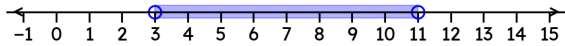
1.  $5 < 3x - 4 < 17$



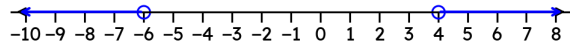
5.  $2 < 4x - 6 < 18$



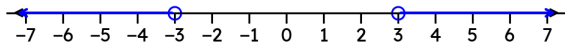
2.  $4 < 2x - 2 < 20$



6.  $4x - 4 < -28$  or  $4x - 4 > 12$



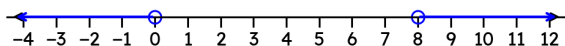
3.  $3x + 1 < -8$  or  $3x + 1 > 10$



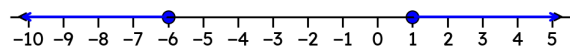
7.  $6 \leq 3x + 3 \leq 24$



4.  $2x + 8 < 8$  or  $2x + 8 > 24$



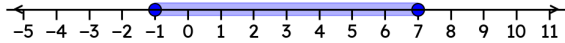
8.  $3x + 2 \leq -16$  or  $3x + 2 \geq 5$



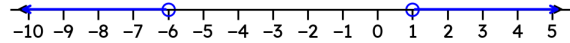


# Unit 3 – Compound Inequalities – Mixed – Answer Key

9.  $-7 \leq 3x - 4 \leq 17$



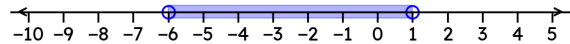
13.  $3x - 4 < -22$  or  $3x - 4 > -1$



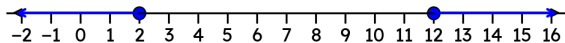
10.  $10 \leq 2x + 4 \leq 18$



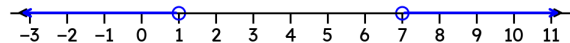
14.  $-31 < 5x - 1 < 4$



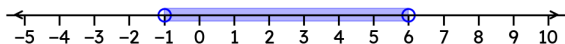
11.  $3x + 8 \leq 14$  or  $3x + 8 \geq 44$



15.  $5x - 8 < -3$  or  $5x - 8 > 27$



12.  $-3 < 2x - 1 < 11$



16.  $3x - 7 \leq -7$  or  $3x - 7 \geq 20$

