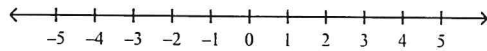


Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

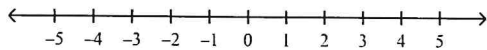
### 7th Grade Pre-Algebra Worksheet Sections 8.1 & 8.2

Solve each equation. Graph the solution on the number line provided.

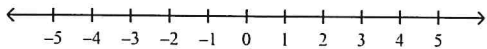
1.  $\frac{x}{2} - 7 = -6$



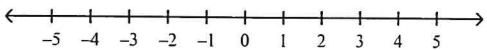
2.  $4x + 6 = 18$



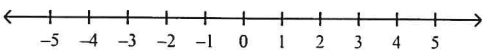
3.  $3x - 4 = 2 - 3x$



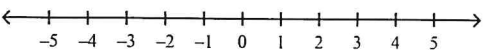
4.  $5x + 6 = 3x + 4$



5.  $8 - x = 2x - 1$

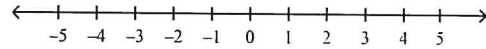


6.  $3x + 11 = 17 + 5x$

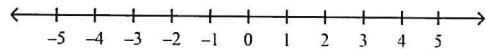


Solve each inequality. Graph the solution on the number line provided.

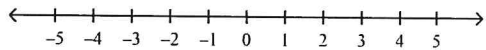
7.  $3x + 9 < 18$



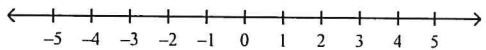
8.  $4x - 3 < 2 - x$



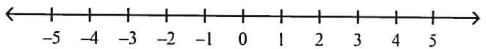
9.  $11 + 2b \leq 3(2 - b)$



10.  $-2(3 + t) < -8$



11.  $20 - 2n > 26$



12.  $5 - 2k \leq 15$

