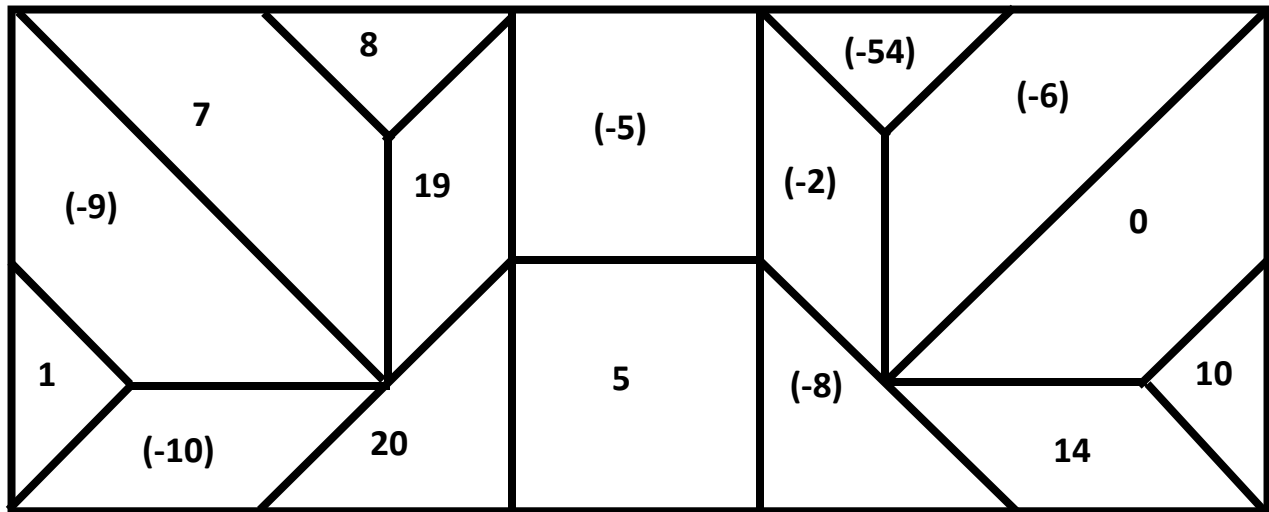


Name: \_\_\_\_\_ Period: \_\_\_\_\_ **Solve Multi-Step Equations**  
 Solve the problems below. Find your answer in the puzzle and color that piece according to your color chart. Show all your work!



Answers in this box will be

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1.  $2(8x + 11) = (-122)$

3.  $(-240) = 8(-5x - 5)$

5.  $12 - 11x = -48 - 8x$

7.  $34 - x = -92 + 8x$

2.  $11x + 16 = 96 + x$

4.  $\frac{-7x - 5}{5} = (-15)$

6.  $2 + \frac{x}{9} = (-4)$

8.  $5x - 3(6x - 5) = (-76)$

Answers in this box will be

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9.  $(-460) = -10(-5x + 16)$

11.  $\frac{x}{2} + 5 = 0$

13.  $109 - x = 12x - 138$

15.  $5(x + 3) = 3(4x + 5)$

10.  $66 = 3x + 3(-2x + 17)$

12.  $(-18) = \frac{10x - 10}{5}$

14.  $3(2x + 8) = 30$

16.  $\frac{2x + 7}{3} = 1$