

**Distributive/CLT Challenge 1**

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Date \_\_\_\_\_ Period \_\_\_\_\_

**Simplify each expression.**

1)  $10(v - 8) - 9(6v + 7)$

2)  $6(6 + 5x) - 10(x + 7)$

3)  $-\frac{1}{2}\left(\frac{13}{5}x + \frac{7}{4}\right)$

4)  $\frac{5}{2}\left(2n + \frac{3}{5}\right)$

5)  $\frac{4}{7}\left(x + \frac{7}{2}\right) + \frac{28}{9}$

6)  $-\frac{11}{9} + \frac{15}{4}\left(-\frac{1}{5}x + 1\right)$