

HW #6 Subtracting Linear Expressions

Name: _____

Find the difference.

1. $(-2x + 7) - (x + 11)$

5. $(-3x - 7) - (3x + 21)$

2. $(6x + 5) - (2 - 3x)$

6. $2(1 - 5x) - (2x + 8)$


3. $(4 - 5x) - (3x - 8)$

7. $\frac{1}{8}(-8x + 16) - \frac{1}{3}(6 + 3x)$

4. $(2x - 9) - 5(2x + 4)$

8. $(4x + 4) - (-2x - 3)$

9. Describe and correct the error in finding the difference.


$$\begin{aligned}(4m + 9) - 3(2m - 5) &= 4m + 9 - 6m - 15 \\ &= 4m - 6m + 9 - 15 \\ &= -2m - 6\end{aligned}$$