

**1. Simplify.**

a) $2x + x$	b) $-8w - 5w$
c) $-2(8x + 4y) - 3y$	d) $3 - 4(x + 1) - x$
e) $\frac{2}{7}(n - 1) - \frac{4}{7}(n - 1)$	f) $5(2x - 4y) - (3x - 7y + 2)$

**2. Find the sum of  $3x - 7$  and  $5x + 2$**

**3. Find the difference of  $4x + 8$  and  $7x - 1$**

**4. Let  $x$  be a number. Translate the phrase into a mathematical expression. Then simplify.**

*Twice the number, minus 4 times the sum of the number and 6.*