# EXPAND AND SIMPLIFY

1. Expand and simplify.

a. $3(4x + 2)$ b. $-5(y - 7)$ c. $-2(n + 9)$

d. $3(-1 - 5c)$ e. $x(3 + 4y)$ f. $-1(a - 1)$

g. $\frac{1}{2}(4x - 6)$ h. $-\frac{1}{4}(8x + 12)$ i. $\frac{3}{4}(8x - 12)$

2. Expand and simplify.

1. $x - 2(x + 3)$ 2. $3n - 2(n + 5)$ 3. $4h - 3(2h + 5)$

# EXPAND AND SIMPLIFY

3. Expand and simplify.

3a. $-2(-4x + 5) + 6x$

3b. $7x + 3(-2x + 3)$

4. Expand and simplify.

a. $2y + 7(2y - 3)$

b. $-8y + 4(3y + 3) - 5$

c. $-4 + (3n - 5) - 7n$

d. $-4(3n - 5) - 7n$