Solve for the variable

1. 6 ( 1 + n ) = 8n - 3 (n – 7)

2. -7 (4x + 7) = 3 + 4(-4 - 6x)

3. -8 (n + 6 ) = - 7 ( n + 7)

4. – 6 (b + 3) + 6b = - 6 (-4b + 3)

5. 6 ( 1 + 2k) - 6k = -3 ( -8k + 4)

6. 2 ( 1 + 6x) + 2 (3 - 6x) = 7x – 5x