For each algebraic expression, identify the number of terms. Then list the coefficients and any constant terms.

Expression	$6a + 3$	$6a - 3$	$0.2x - y + 8z$	$\frac{1}{2}n$
Number of Terms	2	2	3	1
Coefficient(s)	+6	+6	+0.2, −1, +8	$\frac{1}{2}$
Constant(s)	3	−3	NA	NA

Identify the number of terms, the coefficients, and the constant term of the expressions below.

1. **$7p - 6pc + 3c - 2$**

Number of terms: 4

Coefficients: +7, −6, +3

Constant terms: −2

2. **$8 + 4ab - 5b$**

Number of terms: 3

Coefficients: +4, −5

Constant terms: +8

To simplify by combining like terms:

+ C

1. Search for like terms (**same variable** raised to the **same power; and constants with other constants**).

2. Catch the first term and any like terms.

3. Combine them using the addition rules. (SSS, DSD)

4. Continue with other like terms.

*Remember that an "invisible 1" lurks in front of variables that appear to have no coefficient attached to them.

1) $4x + 5x + 7 + x + 2$

$10x + 9$

2) $2n + 3 - 5n + 6$

$-3n + 9$

3) $-9b + 2n - 4 + 2b$

$-5b - 4$

4) $-7g + 3 - 8 - 3g + 7h$

$-10g + 7h - 5$

5) $-8 + 2d - 7 - 5d + 12$

$-3d - 3$

6) $5b + 7 - 3b - 4$

$2b + 3$