

Expressions Worksheet 1

1. For each expression below, circle each term and then write the number of terms.

(a) $2x + 4y$

(b) $2A + 3B + 1$

(c) $2xyz$

(d) $6x^2 + 2x + 1$

(e) $-6x + 2y$

(f) $\frac{2x}{y}$

(g) $5A + 2B - 2$

(h) $2AB + 3xy$

2. For each term below, write the coefficient.

(a) $5x$

(b) $8y$

(c) $-10c$

(d) y

(e) $-x$

(f) $54x$

(g) $\frac{2}{3}k$

(h) $5.5y$

(i) $2\frac{1}{2}x$

(j) AB

3. For each expression below, write L if it contains like terms and write U if it contains unlike terms.

(a) $5x + 8x$

(b) $4y - y$

(c) $-7x + -7$

(d) $5A + A$

(e) $5A + 5$

(f) $2AB + 2A$

(g) $6x^2 + 6x$

(h) $6AB + 2BA$

4. Simplify each expression.

(a) $x + x + x$

(b) $2x + x + 3x$

(c) $10x - 2x + 3x$

(d) $5x + 2y - 2x + y$

(e) $10A + 6B + 2 - 4A - 3B - 1$

(f) $4x + 6 - x - 2$

(g) $7w + 5 - 2w + 2$

(h) $6x + 8 - 2x - 44$

(i) $4x - 4x$

(j) $10A + 6 - 5A - 1$

(k) $5A + 2B + 1$

(l) $15A - 10A - 5A$

(m) $3x + 4y - 2x - y - 1$

(n) $2x - x + 5x$

(o) $8w + 8 - 2 + 2w$

(p) $6A + B + A + 2A + B$

(q) $5x - 2 + 10 - x$

(r) $6x + x - 5x - x$

(s) $2A + 3B - 1 + A - B + 2$

(t) $6x + 2y$