

Expression: $xy + yx$

Expanding: $xy + yx$

$$xy + xy$$

Simplifying: $xy + xy$

$$xy + xy$$

$$2xy$$

Expression: $yx + xy$

Expanding: $yx + xy$

$$xy + xy$$

Simplifying: $xy + xy$

$$xy + xy$$

$$2xy$$

Expression: $xy + 2xy$

Expanding: $xy + 2xy$

$$2xy + xy$$

Simplifying: $2xy + xy$

$$2xy + xy$$

$$3xy$$

Expression: $2xy + xy$

Expanding: $2xy + xy$

$$2xy + xy$$

Simplifying: $2xy + xy$

$$2xy + xy$$

$$3xy$$

Expression: $3xy + 4xy$

Expanding: $3xy + 4xy$

$$3xy + 4xy$$

Simplifying: $3xy + 4xy$

$$3xy + 4xy$$

$$7xy$$

Expression: $4xy + 3xy$

Expanding: $4xy + 3xy$

$$3xy + 4xy$$

Simplifying: $3xy + 4xy$

$$3xy + 4xy$$

$$7xy$$

Expression: $axy + 3xy$

Expanding: $axy + 3xy$

$$3xy + axy$$

Simplifying: $3xy + axy$

$$3xy + axy$$

$$(3 + a)xy$$

Expression: $3xy + axy$

Expanding: $3xy + axy$

$$3xy + axy$$

Simplifying: $3xy + axy$

$$3xy + axy$$

$$(3 + a)xy$$

Expression: $axy + bxy$

Expanding: $axy + bxy$

$$axy + bxy$$

Simplifying: $axy + bxy$

$$axy + bxy$$

$$(a + b)xy$$

Expression: $axy + bxy$

Expanding: $axy + bxy$

$$axy + bxy$$

Simplifying: $axy + bxy$

$$axy + bxy$$

$$(a + b)xy$$

Expression: $axy + axy$

Expanding: $axy + axy$

$$axy + axy$$

Simplifying: $axy + axy$

$$axy + axy$$

$$2axy$$

Expression: $abx + cdx$

Expanding: $abx + cdx$

$$abx + cdx$$

Simplifying: $abx + cdx$

$$abx + cdx$$

$$x(ab + cd)$$

Expression: $dcx + bax$

Expanding: $dcx + bax$

$$abx + cdx$$

Simplifying: $abx + cdx$

$$abx + cdx$$

$$x(ab + cd)$$

Expression: $abcmnjuv + ghcmnjyz$

Expanding: $abcmnjuv + ghcmnjyz$

$$abcjmnuv + cghjmnzy$$

Simplifying: $abcjmnuv + cghjmnzy$

$$abcjmnuv + cghjmnzy$$

$$cjm n(abuv + ghzy)$$

Expression: $xx + xx$

Expanding: $xx + xx$

$$xx + xx$$

Simplifying: $xx + xx$

$$xx + xx$$

$$xx + x^2$$

$$x^2 + x^2$$

$$2x^2$$

Expression: $x^2 + x^2$

Expanding: $x^2 + x^2$

$$x^2 + x^2$$

Simplifying: $x^2 + x^2$

$$x^2 + x^2$$

$$2x^2$$

Expression: $xx + x^2$

Expanding: $xx + x^2$

$$xx + x^2$$

Simplifying: $xx + x^2$

$$xx + x^2$$

$$x^2 + x^2$$

$$2x^2$$

Expression: $x^2 + xx$

Expanding: $x^2 + xx$

$$xx + x^2$$

Simplifying: $xx + x^2$

$$xx + x^2$$

$$x^2 + x^2$$

$$2x^2$$

Expression: $x^2 + 2x^2$

Expanding: $x^2 + 2x^2$

$$2x^2 + x^2$$

Simplifying: $2x^2 + x^2$

$$2x^2 + x^2$$

$$3x^2$$

Expression: $2x^2 + x^2$

Expanding: $2x^2 + x^2$

$$2x^2 + x^2$$

Simplifying: $2x^2 + x^2$

$$2x^2 + x^2$$

$$3x^2$$

Expression: $3x^2 + 4x^2$

Expanding: $3x^2 + 4x^2$

$$3x^2 + 4x^2$$

Simplifying: $3x^2 + 4x^2$

$$3x^2 + 4x^2$$

$$7x^2$$

Expression: $4x^2 + 3x^2$

Expanding: $4x^2 + 3x^2$

$$3x^2 + 4x^2$$

Simplifying: $3x^2 + 4x^2$

$$3x^2 + 4x^2$$

$$7x^2$$

Expression: $ax^2 + x^2$

Expanding: $ax^2 + x^2$

$$ax^2 + x^2$$

Simplifying: $ax^2 + x^2$

$$ax^2 + x^2$$

$$(1 + a)x^2$$

Expression: $x^2 + ax^2$

Expanding: $x^2 + ax^2$

$$ax^2 + x^2$$

Simplifying: $ax^2 + x^2$

$$ax^2 + x^2$$

$$(1 + a)x^2$$

Expression: $ax^2 + bx^2$

Expanding: $ax^2 + bx^2$

$$ax^2 + bx^2$$

Simplifying: $ax^2 + bx^2$

$$ax^2 + bx^2$$

$$(a + b)x^2$$

Expression: $3x^2 + ax^2$

Expanding: $3x^2 + ax^2$

$$3x^2 + ax^2$$

Simplifying: $3x^2 + ax^2$

$$3x^2 + ax^2$$

$$(3 + a)x^2$$

Expression: $ax^2 + 3x^2$

Expanding: $ax^2 + 3x^2$

$$3x^2 + ax^2$$

Simplifying: $3x^2 + ax^2$

$$3x^2 + ax^2$$

$$(3 + a)x^2$$

Expression: $ayx^2 + byx^2$

Expanding: $ayx^2 + byx^2$

$$ayx^2 + byx^2$$

Simplifying: $ayx^2 + byx^2$

$$ayx^2 + byx^2$$

$$(a + b)yx^2$$

Expression: $byx^2 + ayx^2$

Expanding: $byx^2 + ayx^2$

$$ayx^2 + byx^2$$

Simplifying: $ayx^2 + byx^2$

$$ayx^2 + byx^2$$

$$(a + b)yx^2$$

Expression: $a(xy)^2 + b(xy)^2$

Expanding: $a(xy)^2 + b(xy)^2$

$$a(xy)^2 + b(xy)^2$$

$$ax^2y^2 + b(xy)^2$$

$$ax^2y^2 + bx^2y^2$$

Simplifying: $ax^2y^2 + bx^2y^2$

$$ax^2y^2 + bx^2y^2$$

$$bx^2y^2 + a(xy)^2$$

$$a(xy)^2 + b(xy)^2$$

$$(a + b)(xy)^2$$

Expression: $x^2y^2 + (xy)^2$

Expanding: $x^2y^2 + (xy)^2$

$$x^2y^2 + (xy)^2$$

$$x^2y^2 + x^2y^2$$

Simplifying: $x^2y^2 + x^2y^2$

$$x^2y^2 + x^2y^2$$

$$x^2y^2 + (xy)^2$$

$$(xy)^2 + (xy)^2$$

$$2(xy)^2$$

Expression: $(xy)^2 + x^2y^2$

Expanding: $(xy)^2 + x^2y^2$

$$x^2y^2 + (xy)^2$$

$$x^2y^2 + x^2y^2$$

Simplifying: $x^2y^2 + x^2y^2$

$$x^2y^2 + x^2y^2$$

$$x^2y^2 + (xy)^2$$

$$(xy)^2 + (xy)^2$$

$$2(xy)^2$$

Expression: $(axy)^2 + b^2x^2y^2$

Expanding: $(axy)^2 + b^2x^2y^2$

$$b^2x^2y^2 + (axy)^2$$

$$a^2x^2y^2 + b^2x^2y^2$$

Simplifying: $a^2x^2y^2 + b^2x^2y^2$

$$a^2x^2y^2 + b^2x^2y^2$$

$$b^2x^2y^2 + (axy)^2$$

$$(axy)^2 + (bxy)^2$$

Expression: $b^2x^2y^2 + (axy)^2$

Expanding: $b^2x^2y^2 + (axy)^2$

$$b^2x^2y^2 + (axy)^2$$

$$a^2x^2y^2 + b^2x^2y^2$$

Simplifying: $a^2x^2y^2 + b^2x^2y^2$

$$a^2x^2y^2 + b^2x^2y^2$$

$$b^2x^2y^2 + (axy)^2$$

$$(axy)^2 + (bxy)^2$$

Expression: $(5xy)^2 + 7^2x^2y^2$

Expanding: $(5xy)^2 + 7^2x^2y^2$

$$7^2x^2y^2 + (5xy)^2$$

$$5^2x^2y^2 + 7^2x^2y^2$$

Simplifying: $5^2x^2y^2 + 7^2x^2y^2$

$$5^2x^2y^2 + 7^2x^2y^2$$

$$25x^2y^2 + 7^2x^2y^2$$

$$7^2x^2y^2 + 25(xy)^2$$

$$49x^2y^2 + 25(xy)^2$$

$$25(xy)^2 + 49(xy)^2$$

$$74(xy)^2$$