

Simplifying:  $1 + 2 + (-1)y + x + 3 + x + (-1)(0.5(x + (-1)6)) + (-1)y + y + y + x^2 + xy + yx + (x^2)y + x(y^2) + y^2 + (y^2)(x^2)$

$$1 + 2 + 3 + x + x + y + y + (-1)y + (-1)y + xy + xy + (-1)0.5(x + (-1)6) + y(x^2) + x(y^2) + (x^2)(y^2) + x^2 + y^2$$

$$1 + 2 + 3 + x + x + y + y + (-1)(-1)(0.5)6 + (-1)0.5x + (-1)y + (-1)y + xy + xy + y(x^2) + x(y^2) + (x^2)(y^2) + x^2 + y^2$$

$$1 + 2 + 3 + x + x + y + y + (-1)(-1)(0.5)6 + (-1)0.5x + (-1)y + (-1)y + xy + xy + y(x^2) + x(y^2) + (x^2)(y^2) + x^2 + y^2$$

$$1 + 2 + 3 + 3 + x + x + y + y + (-1)0.5x + (-1)y + (-1)y + xy + xy + y(x^2) + x(y^2) + (x^2)(y^2) + x^2 + y^2$$

$$1 + 2 + 3 + 3 + x + x + y + y + (-0.5)x + (-1)y + (-1)y + xy + xy + y(x^2) + x(y^2) + (x^2)(y^2) + x^2 + y^2$$

$$1 + 2 + 3 + 3 + x + x + y + y + (-0.5)x + (-1)y + (-1)y + xy + xy + y(x^2) + x(y^2) + x^2 + y^2 + (xy)^2$$

$$0 + 1 + 2 + (2)3 + 1.5x + x(y^2) + x^2 + y^2 + (xy)^2$$

$$0 + 1 + 2 + 6 + 1.5x + x(y^2) + x^2 + y^2 + (xy)^2$$

$$9 + x(1.5 + y^2) + x^2 + y^2 + (xy)^2$$

Simplifying:  $(x + y)((x + y)^{y^2 + (-1)^5})((x + y)^{(-1)^2})$

$$(x + y)((x + y)^{(-1)^5 + y^2})((x + y)^{(-1)^2})$$

$$(x + y)((x + y)^{(-1)^2})((x + y)^{(-1)^5})((x + y)^{y^2})$$

$$x((x + y)^{(-1)^2})((x + y)^{(-1)^5})((x + y)^{y^2}) + y((x + y)^{(-1)^2})((x + y)^{(-1)^5})((x + y)^{y^2})$$

$$x((x + y)^{(-1)^2})((x + y)^{(-1)^5})((x + y)^{y^2}) + y((x + y)^{(-1)^2})((x + y)^{(-1)^5})((x + y)^{y^2})$$

$$x((x + y)^{-2})((x + y)^{(-1)^5})((x + y)^{y^2}) + y((x + y)^{(-1)^2})((x + y)^{(-1)^5})((x + y)^{y^2})$$

$$x((x + y)^{-5})((x + y)^{-2})((x + y)^{y^2}) + y((x + y)^{(-1)^2})((x + y)^{(-1)^5})((x + y)^{y^2})$$

$$x((x + y)^{-5 + -2 + y^2}) + y((x + y)^{(-1)^2})((x + y)^{(-1)^5})((x + y)^{y^2})$$

$$x((x + y)^{-7 + y^2}) + y((x + y)^{(-1)^2})((x + y)^{(-1)^5})((x + y)^{y^2})$$

$$x((x + y)^{-7 + y^2}) + y((x + y)^{-2})((x + y)^{(-1)^5})((x + y)^{y^2})$$

$$x((x + y)^{-7 + y^2}) + y((x + y)^{-5})((x + y)^{-2})((x + y)^{y^2})$$

$$x((x + y)^{-7 + y^2}) + y((x + y)^{-5 + -2 + y^2})$$

$$x((x + y)^{-7 + y^2}) + y((x + y)^{-7 + y^2})$$

$$(x + y)((x + y)^{-7 + y^2})$$

$$(x + y)^{-7 + y^2 + 1}$$

$$(x + y)^{-6 + y^2}$$