

1

הוצאת גורם משותף

הצפים של יניב

פרקול גורמים ע"י הוצאת גורם משותף:

$$2x + 8 =$$

$$10 + 5x =$$

$$4 + 4a =$$

$$17 + 17a =$$

$$6y - 18 =$$

$$63 - 7y =$$

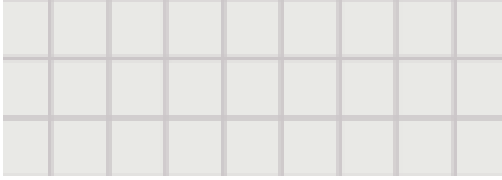
$$5x - 500 =$$

$$14 - 28x =$$

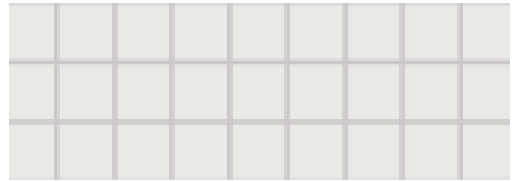
2

פרקולאגורמים ע"י הוצאת גורם משותף.
הצפים של יניב

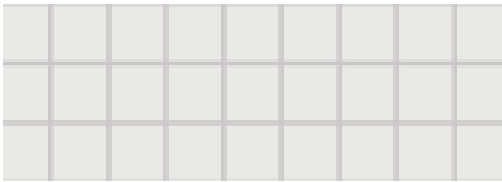
$$5x + 5y =$$



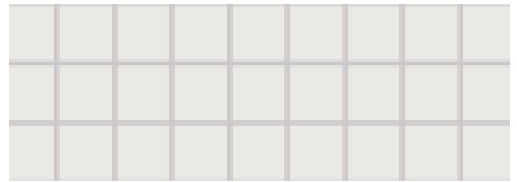
$$4a + 4b + 4 =$$



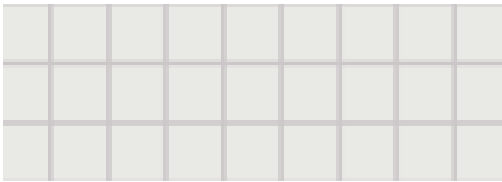
$$7a - 7b =$$



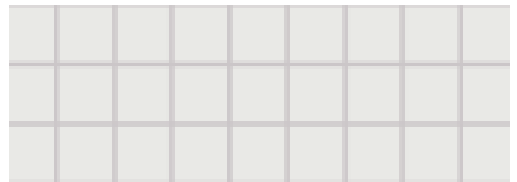
$$17 + 17a - 17b =$$



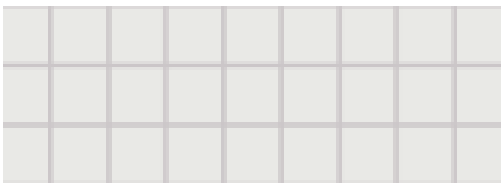
$$6x + 6y + 6m =$$



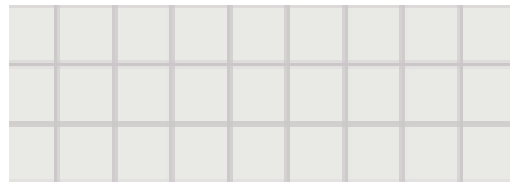
$$63 - 7y - 7x =$$



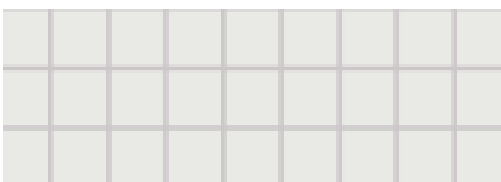
$$\frac{2}{3}a + \frac{2}{3}b =$$



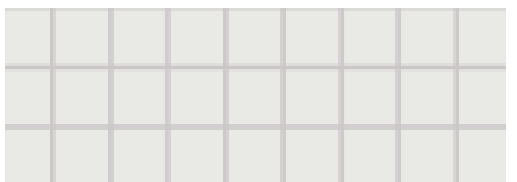
$$14 - 28x + 14y =$$



$$\frac{1}{4}x + \frac{1}{4}y - \frac{1}{4} =$$



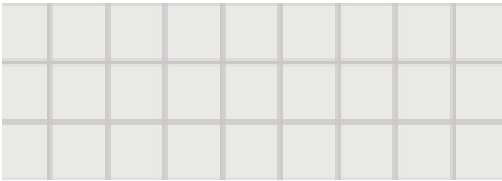
$$-14 - 28 - 14y =$$



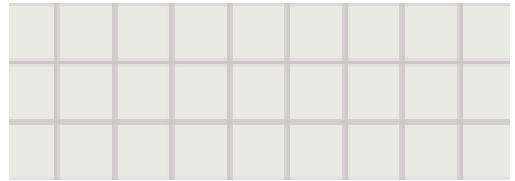
3

פרקולאגורמים ע"י הוצאת גורם משותף:
הצפים של ינה

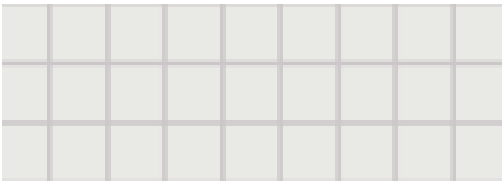
$$2x + 8y + 18 =$$



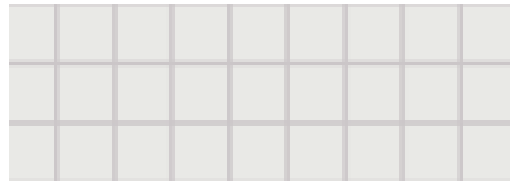
$$10 + 5x - 35y =$$



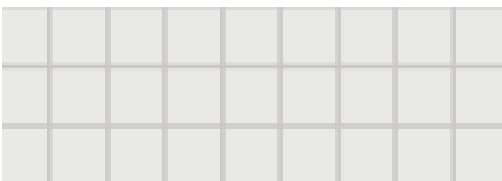
$$4a + 4b - 20 =$$



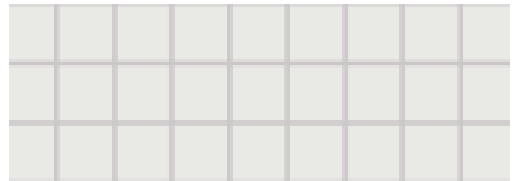
$$17 + 17a - 17b =$$



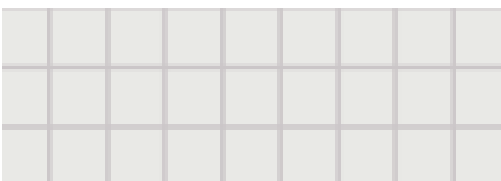
$$6y - 18 + 600x =$$



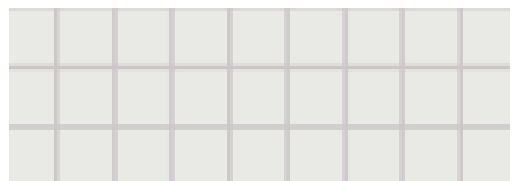
$$63 - 7y - 7x =$$



$$5x - 5 + 5y =$$



$$14 - 28x + 14y =$$



4

פרקולגורמים ע"י הוצאת גורם משותף.
הצבים של ניב

$$-6x + 42 =$$

$$72a - 30b =$$

$$-4 + 36x =$$

$$-54a + 30b - 12 =$$

$$-9y + 9 =$$

$$-20 + 35b + 25a =$$

$$-10y - 100 =$$

$$48a + 18b + 24 =$$

$$-10 - 75x =$$

$$-18y + 42x + 72k =$$

5

פרקולאגורמים ע"י הוצאת גורם משותף:

הצפים של יניב

$$4a + 4b + 4c =$$

$$-72x + 144y - 36 =$$

$$-16x + 16y - 32 =$$

$$-100b + 100a =$$

$$15 - 3x + 6y =$$

$$-2 - 2b - 2a =$$

$$-12y - 24x - 36 =$$

$$5a + 5b + 5 =$$

$$-96y + 16x - 24 =$$

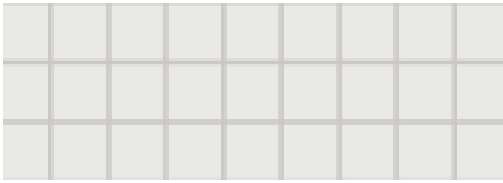
$$5a + 5b + 5 =$$

6

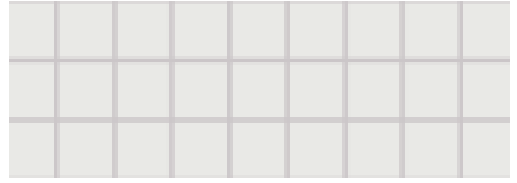
פרקולגורמים ע"י הוצאת גורם משותף.

הצבים של ניב

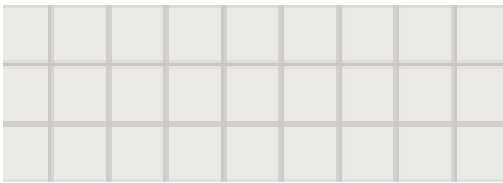
$$2x^2 - 10y^2 =$$



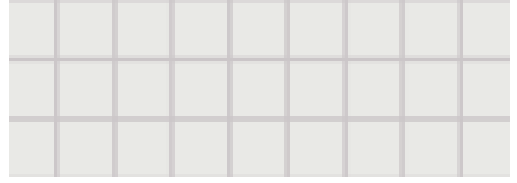
$$11 + 55y - 55y^2 =$$



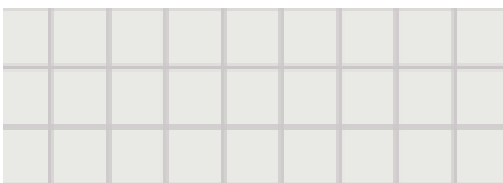
$$10y^2 + 10y + 10 =$$



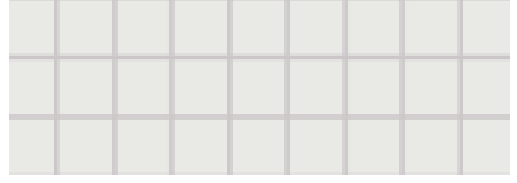
$$23x^2 + 23y^2 + 23m^2 =$$



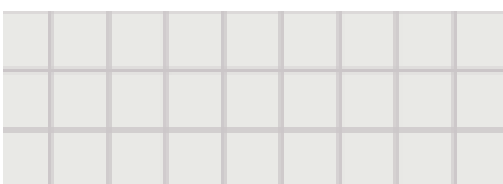
$$6y - 18 + 600x =$$



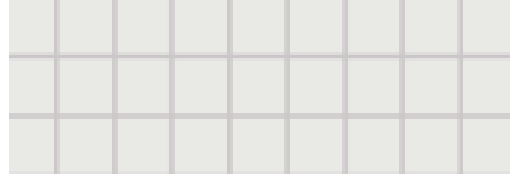
$$63 - 7y - 7x =$$



$$5x - 5 + 5y =$$

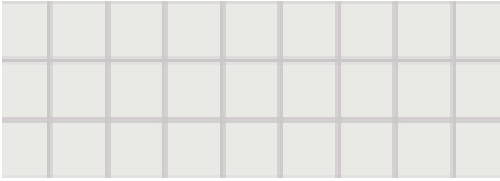


$$14 - 28x + 14y =$$

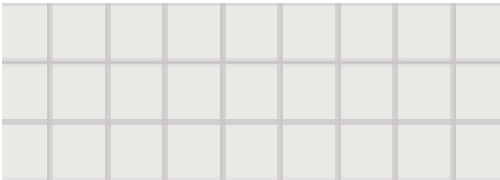


7

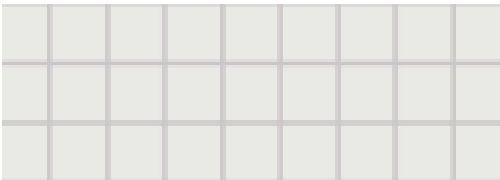
$$ab + 3b =$$



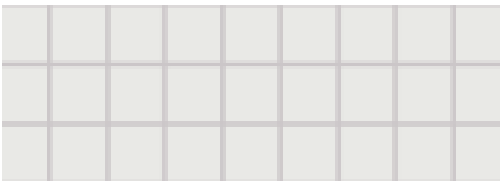
$$ab + ac =$$



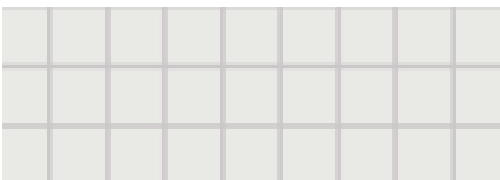
$$xy + xa - xb =$$



$$ab + a =$$



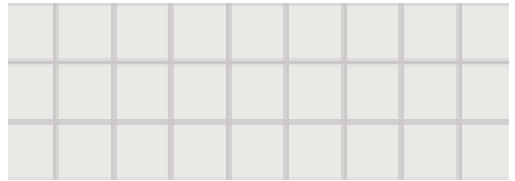
$$x + 8xy =$$



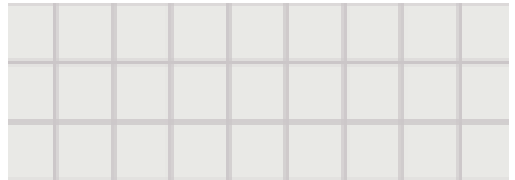
פרקולאגורמיום ע"י הוצאת גורם משותף:

הצפים של יניה

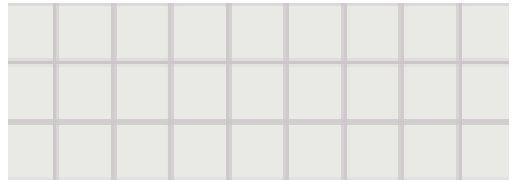
$$-y - yx =$$



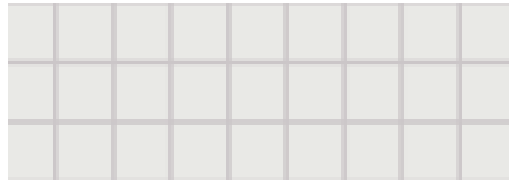
$$-8a + 3ab =$$



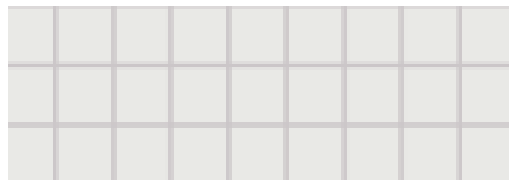
$$4xy - 6ya + y =$$



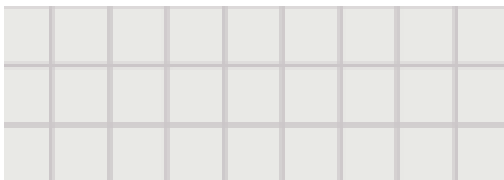
$$5abc - 2cax =$$



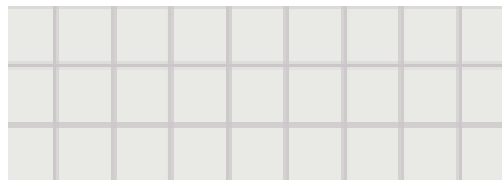
$$-b - bx - bxy =$$



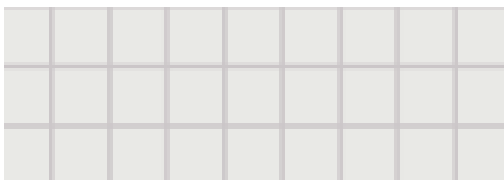
$$x^2 + 3x =$$



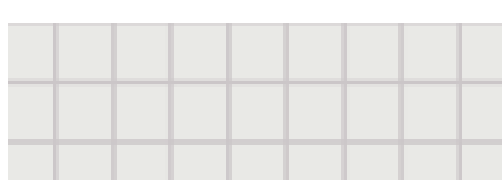
$$-x^2 + x =$$



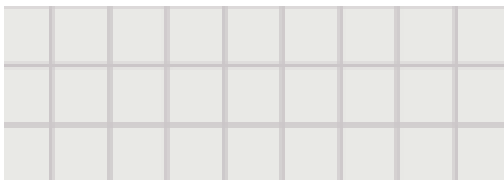
$$-16x + x^2 =$$



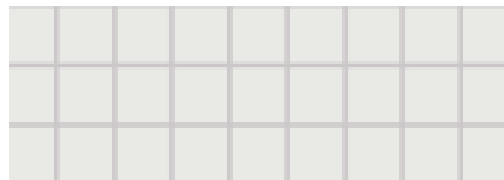
$$-x - x^2 =$$



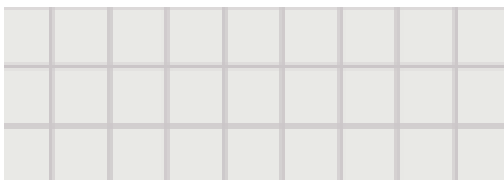
$$-x^2 + 20x =$$



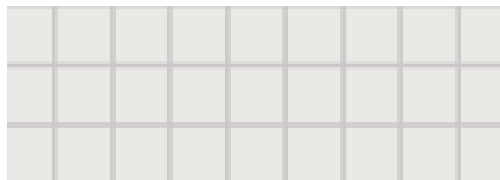
$$5x^2 - 7x =$$



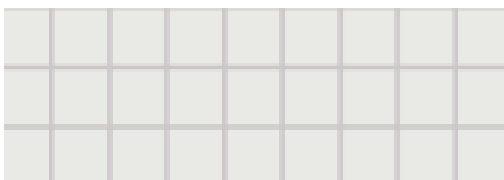
$$-x^2 - 6x =$$



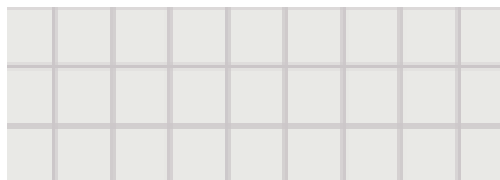
$$-17x^2 - 11x =$$



$$x^2 + x =$$



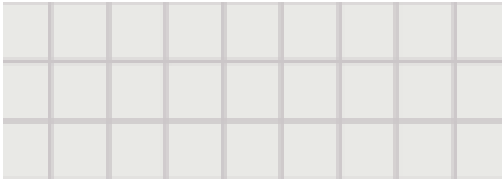
$$x - 115x^2 =$$



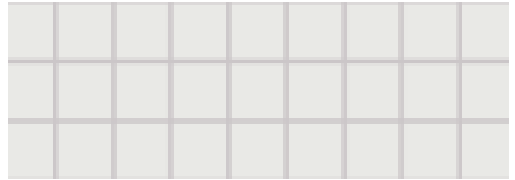
9

פרקו לגורמים ע"י הוצאת גורם משותף.
הצטיינים של יניב

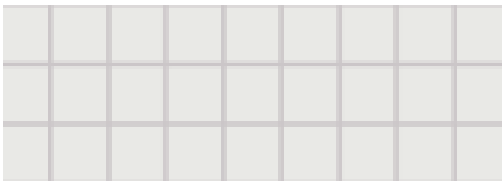
$$6x^2 + 3x =$$



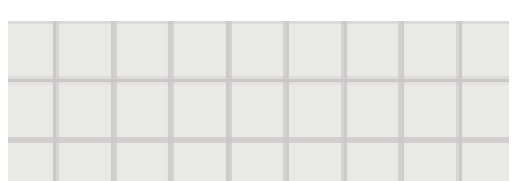
$$-4x^2 + 2x =$$



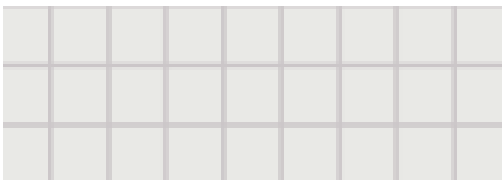
$$-16x + 2x^2 =$$



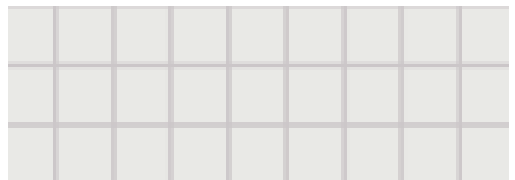
$$-16x - 16x^2 =$$



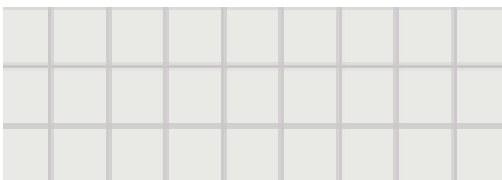
$$-4x^2 + 20x =$$



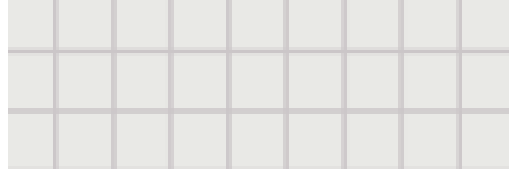
$$100x^2 - 50x =$$



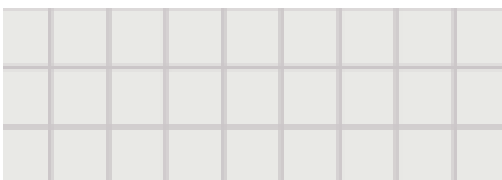
$$-18x^2 - 6x =$$



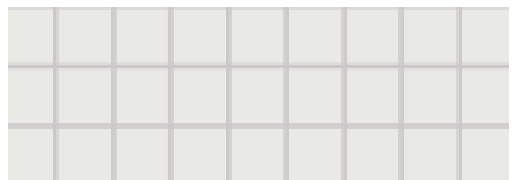
$$-17x^2 - 17x =$$



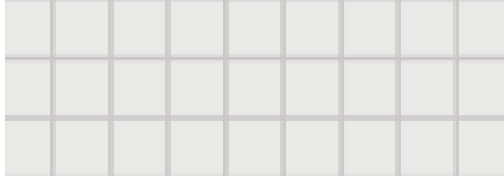
$$50x^2 + 15x =$$



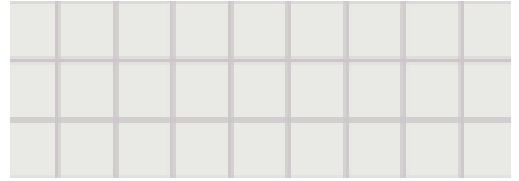
$$4x - 42x^2 =$$



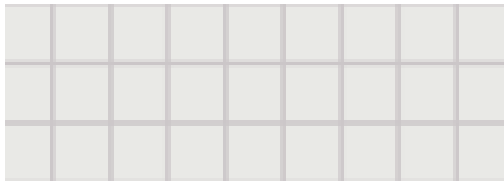
$$ab^2 + 3b =$$



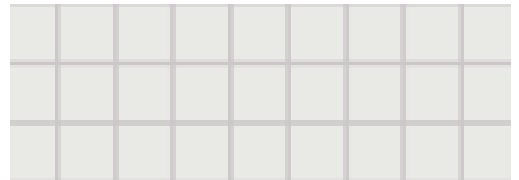
$$-y^3 - yx =$$



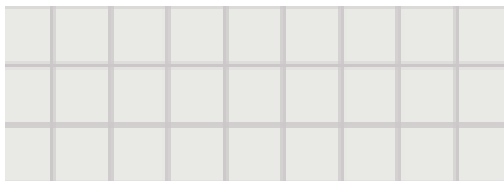
$$ab + a^2c =$$



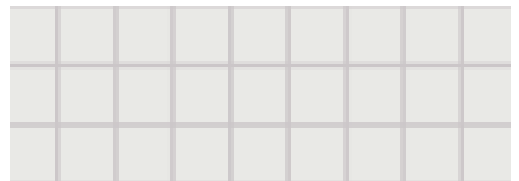
$$-8a + 3a^3b =$$



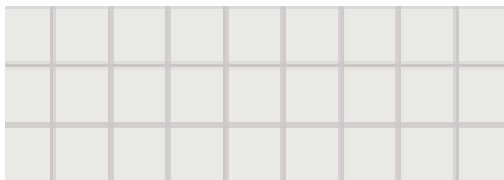
$$xy + x^2a^2 - x^3b =$$



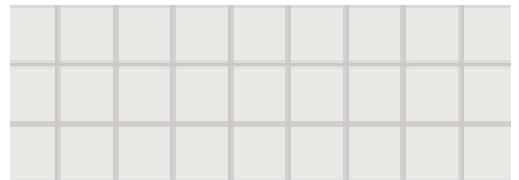
$$4xy^2 - 6y^3a + y =$$



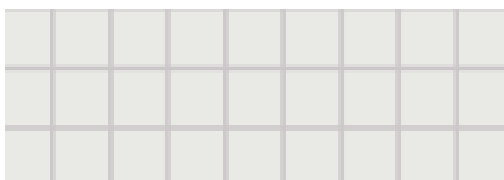
$$a + ab + a^2 =$$



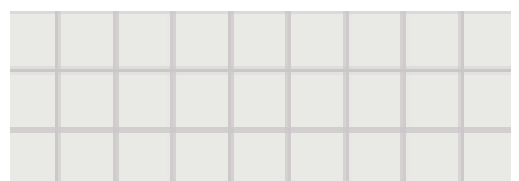
$$5a^2b^3c - 2cax^3 =$$



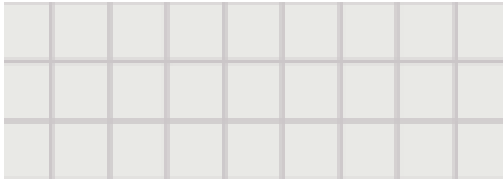
$$x + 8x^2y =$$



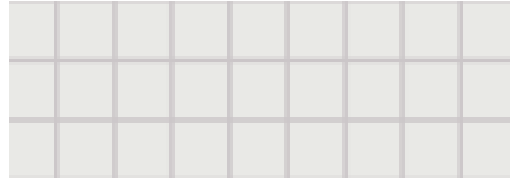
$$-b^3 - bx - b^2y =$$



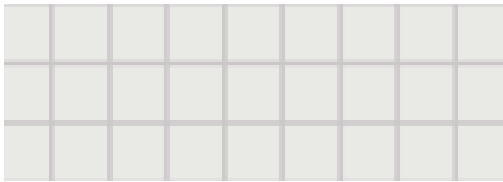
$$4ab^2 + 32b =$$



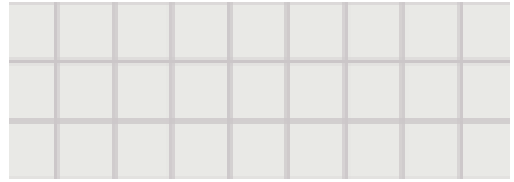
$$-12y^3 - 18yx =$$



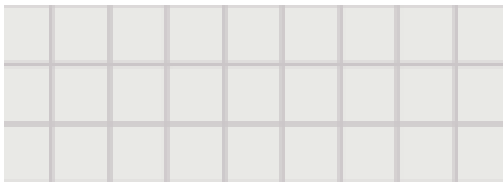
$$7ab + 14a^2c =$$



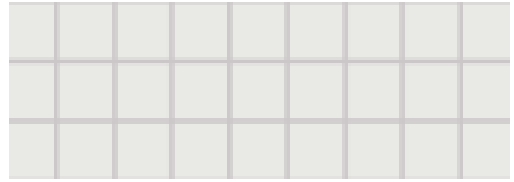
$$-18a + 3a^3b =$$



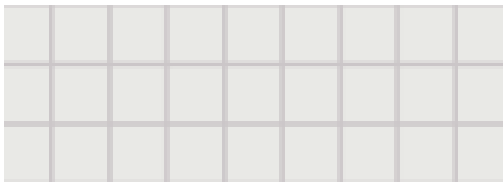
$$18xy + 21x^2a^2 - 27x^3b =$$



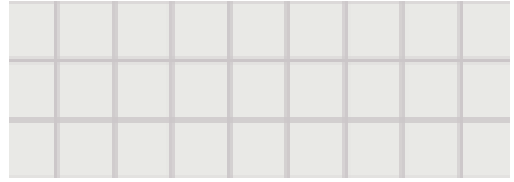
$$4xy^2 - 6y^3a + 42y =$$



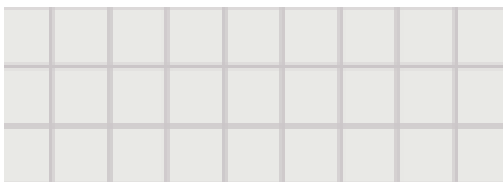
$$-32a + 24ab + 16a^2 =$$



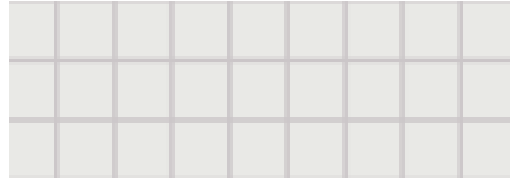
$$5a^2b^3c - 75cax^3 =$$



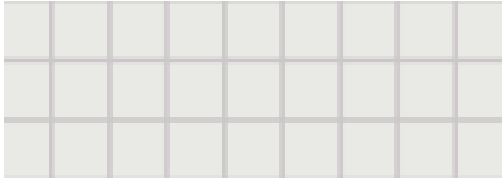
$$5x + 25x^2y =$$



$$-11b^3 - 22bx - 121b^2y =$$



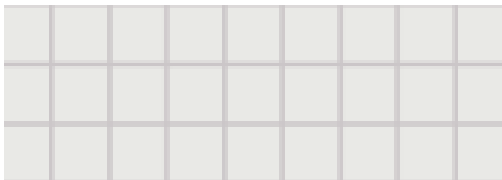
$$69yx^2 + 3xy =$$



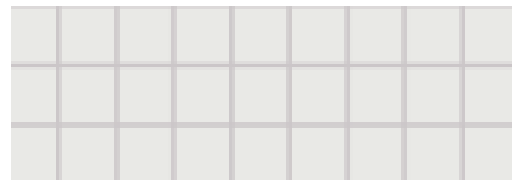
$$-4yx^2 + 2x =$$



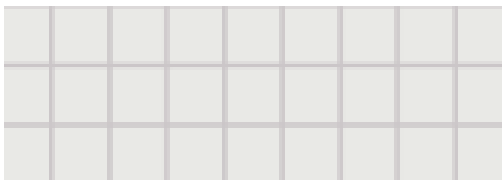
$$-16y^2x + 2x^2y^2 =$$



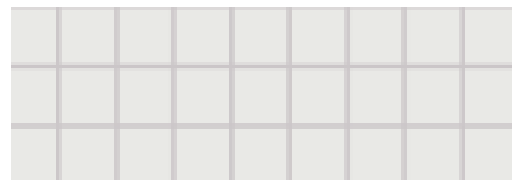
$$-16xy^2 - 16x^2y =$$



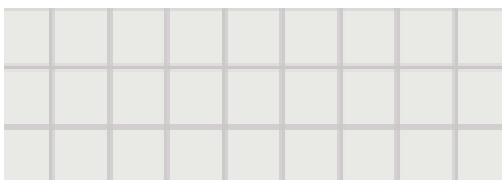
$$-4yx^2 + 20xy =$$



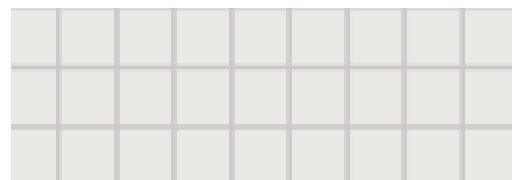
$$-200x^2y + 50xy^2 =$$



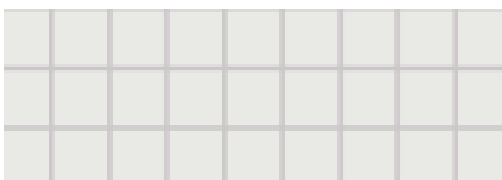
$$-18x^2y^2 - 6yx =$$



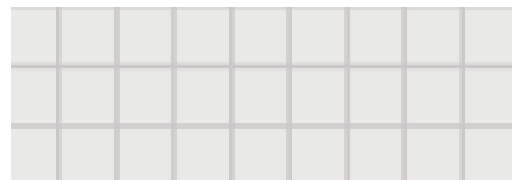
$$-17x^2y^2 - 170x^2y =$$



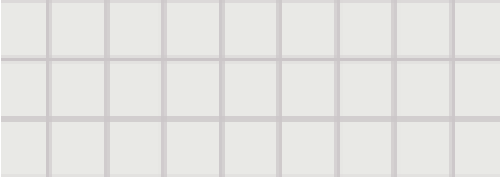
$$50x^2y + 15xy^2 =$$



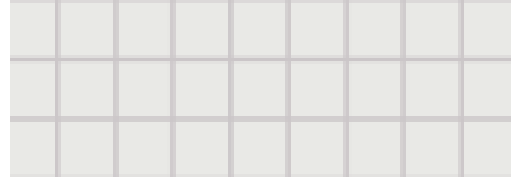
$$40yx - 42y^2x^2 =$$



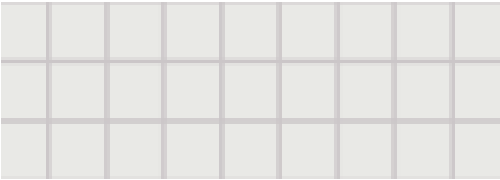
$$x^3 + x^2 =$$



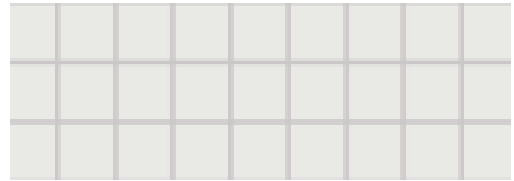
$$-18x^3 + 21x^2 - 66x =$$



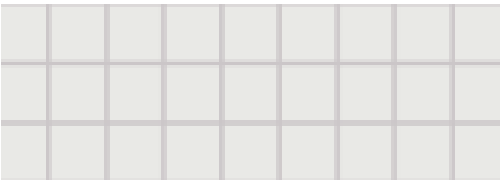
$$x^3 - x =$$



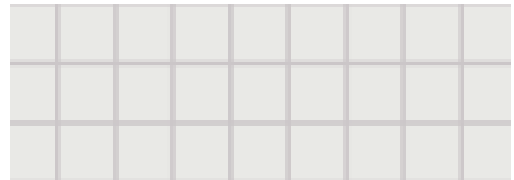
$$9a^3 - a^2 =$$



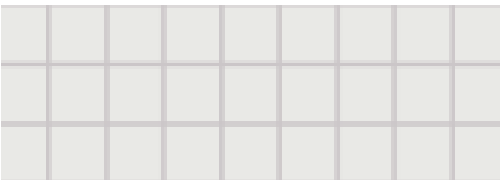
$$4x^3 + x^2 - 3x =$$



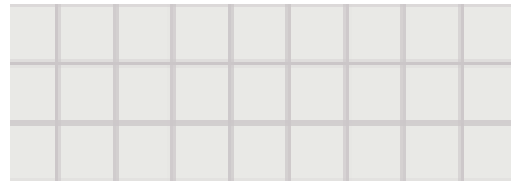
$$12x^3 - 24x^2 + 18x =$$



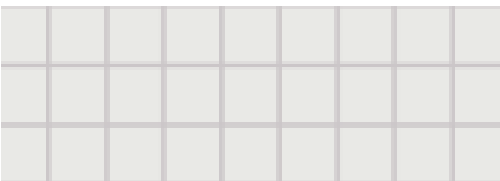
$$-2x^3 + 6x^2 - 10x =$$



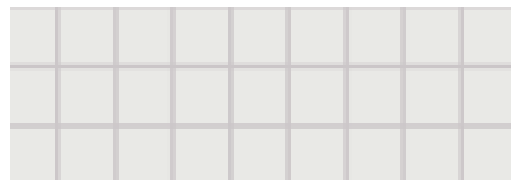
$$16x^3 - 24x + 48x^2 - 20 =$$



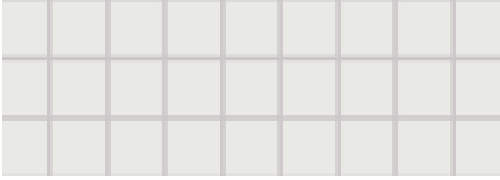
$$50x^2 + 15x - 10x^3 =$$



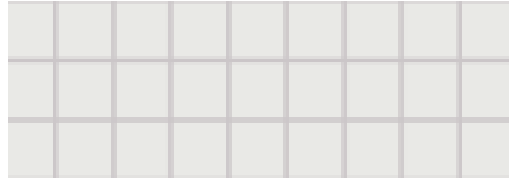
$$-x^3 - x^2 - x =$$



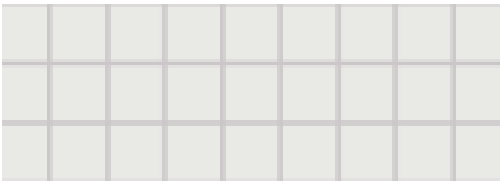
$$ab + 3b^4 =$$



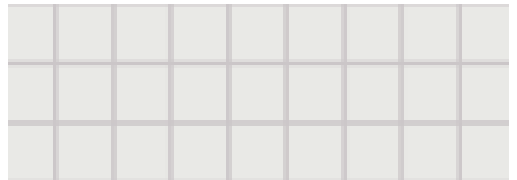
$$-y^2 - y^4x =$$



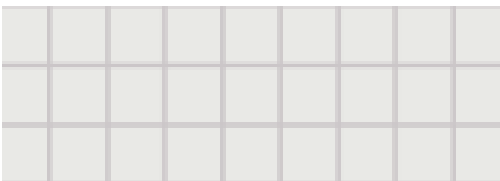
$$a^4b + a^2c =$$



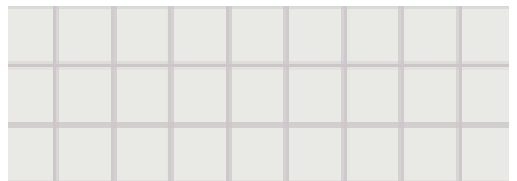
$$-8a + 3a^4b =$$



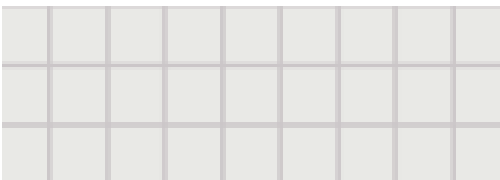
$$x^4y^4 + xa - x^3b =$$



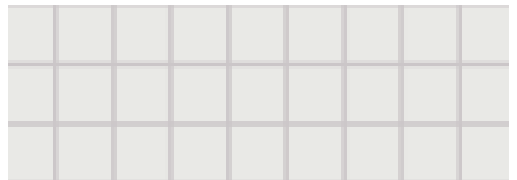
$$4x^4y^4 - 6y^3a^4 - y^3 =$$



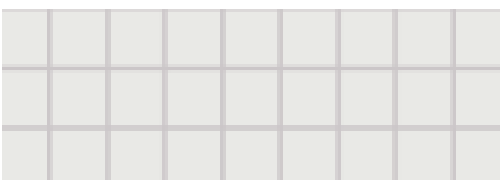
$$a^4b + a^3 =$$



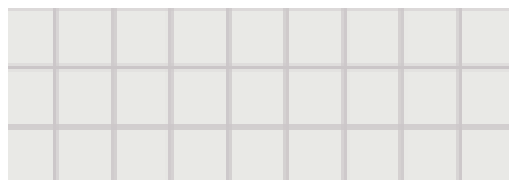
$$5a^2bc^2 - 2ca^4x =$$



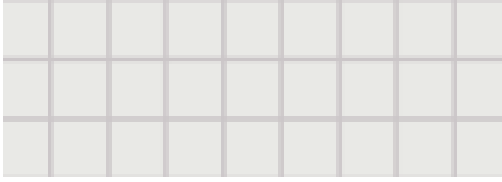
$$x^4 + 8xy^3 =$$



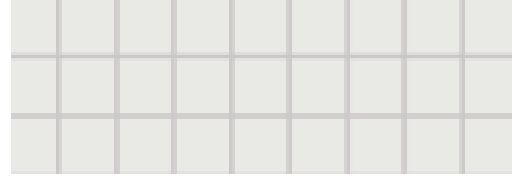
$$-b - b^3x - b^4xy$$



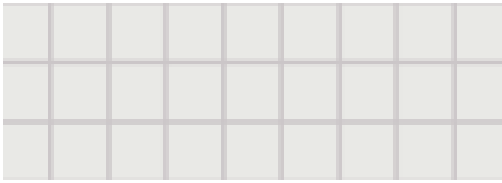
$$21ab^2 + 12b^4a^3 =$$



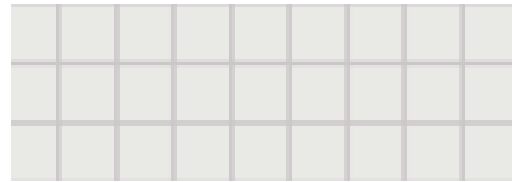
$$-42y^2x^3 - 36y^4x =$$



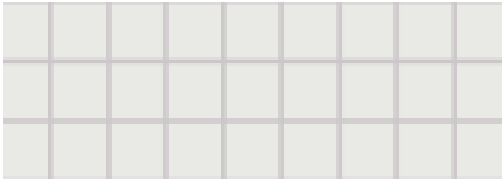
$$36a^4b + 24a^2b =$$



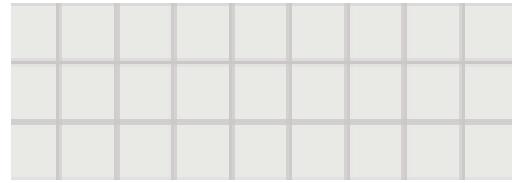
$$-8ab + 32a^4b =$$



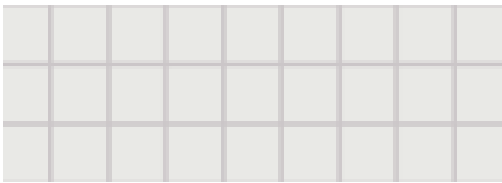
$$35x^4y^4 + 20xa - 15x^3b =$$



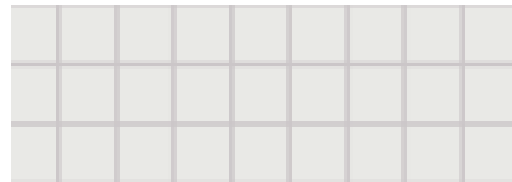
$$4x^4y^4 - 18y^3a^4 - 22y^3 =$$



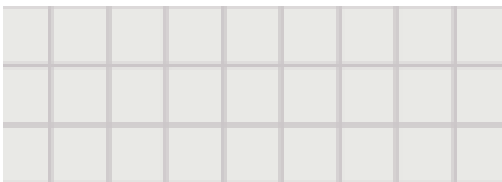
$$-30a^4b - 5a^3b^4 =$$



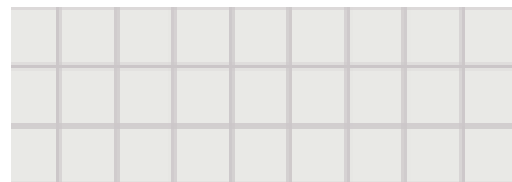
$$55a^2bc^2 - 20ca^3b$$



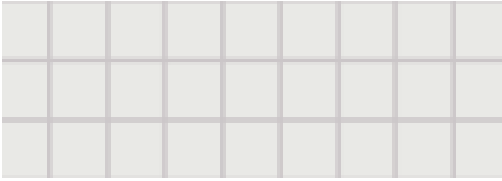
$$-2x^4y + 8xy^3 =$$



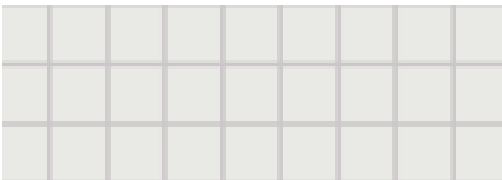
$$-10bx - 15b^3x - 45b^4xy =$$



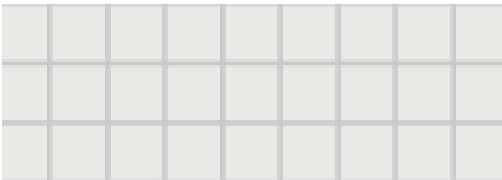
$$5(x + 1) + y(x + 1) =$$



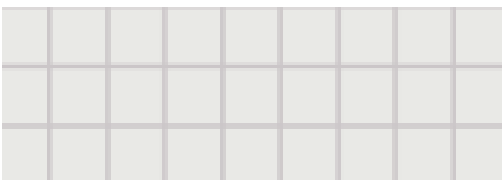
$$a(6 + b) + (b + 6)5 =$$



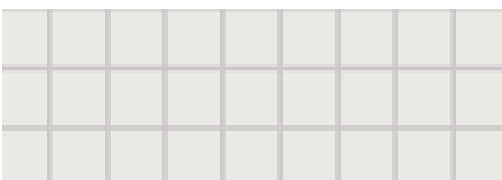
$$(b + c)a + (b + c)3 =$$



$$a(2x + 9) + (2x + 9) =$$

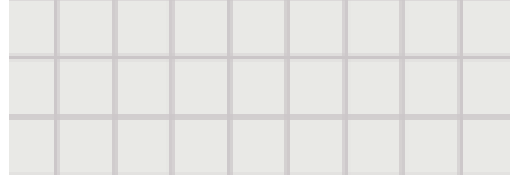


$$5(2x + 1) - y(1 + 2x) =$$

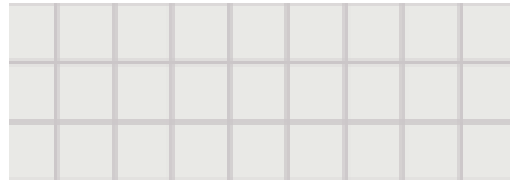


פרקולגורמים ע"י הוצאת גורם משותף:
הצפים של יניב

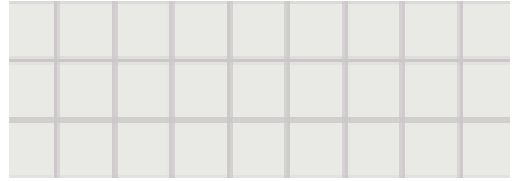
$$a(3 - x) - (3 - x)4 =$$



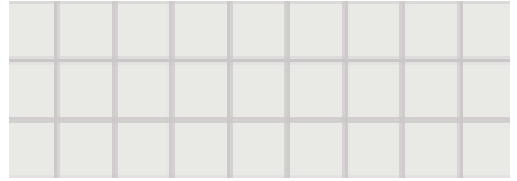
$$(x + 5) - x(x + 5) =$$



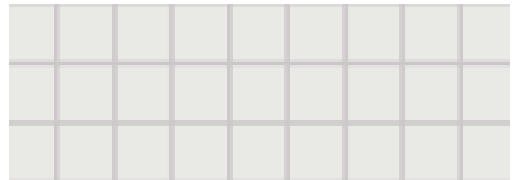
$$-(a + b) + c(a + b) =$$



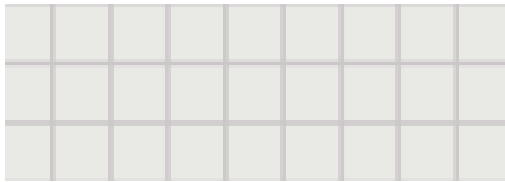
$$a(a - 7) - (a - 7) =$$



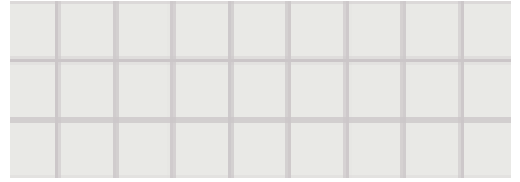
$$(2x + 9)x - (2x + 9)5 =$$



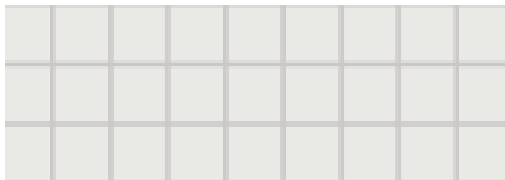
$$y(x + 1) + x + 1 =$$



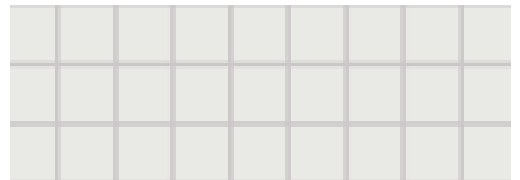
$$a(3 - x) - (3 - x)4 =$$



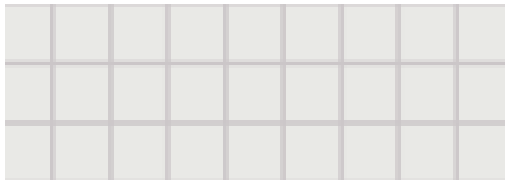
$$a(6 - b) + 6 - b =$$



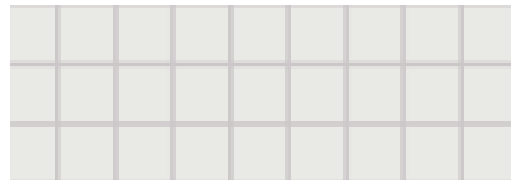
$$(x + 5) - x(x + 5) =$$



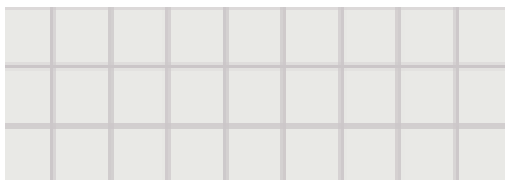
$$y(x - 1) - 1 + x =$$



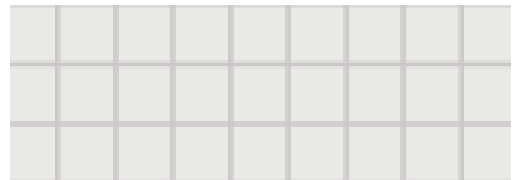
$$-(a + b) + c(a + b) =$$



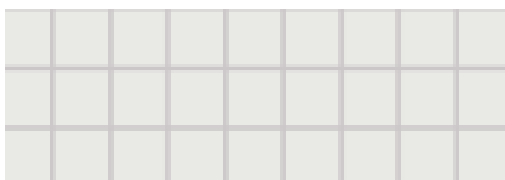
$$a(2x + 9) + (2x + 9) =$$



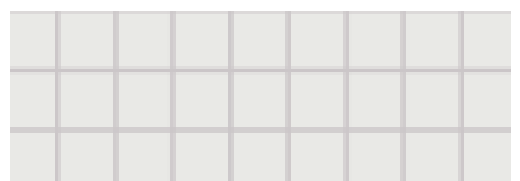
$$a(a - 7) - (a - 7) =$$



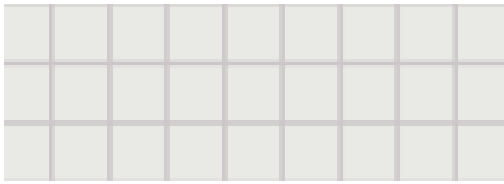
$$5(2x + 1) - y(1 + 2x) =$$



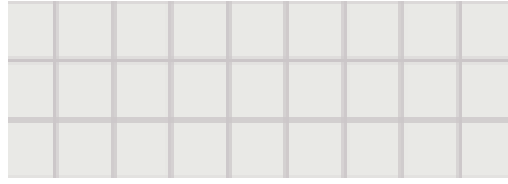
$$(2x + 9)x - (2x + 9)5 =$$



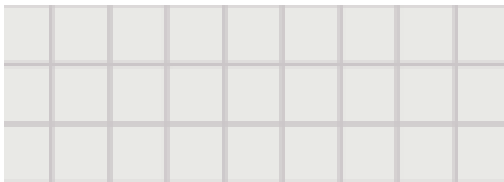
$$5a(x + 1) + yb(x + 1) =$$



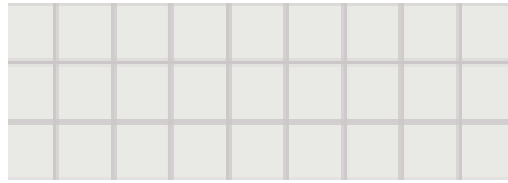
$$a^2(3 - x) - 4a(3 - x) =$$



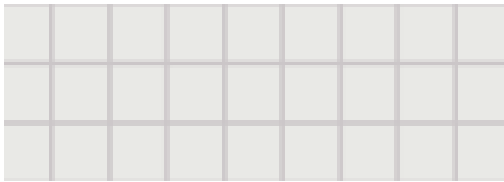
$$a^2(12 + b) + (b + 12)5a =$$



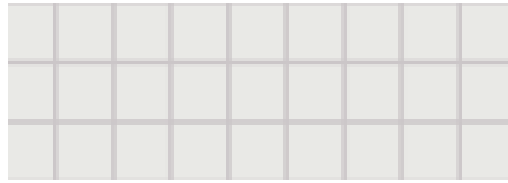
$$(x + 5)x^2 - x(5 + x) =$$



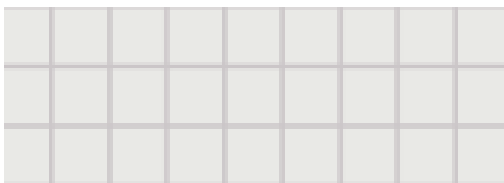
$$(b^2 + c)ab + (b^2 + c)3 =$$



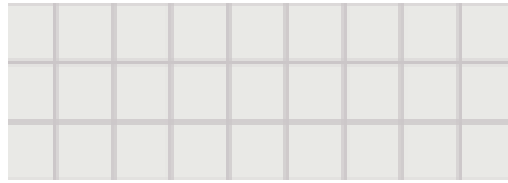
$$4x(a + b) + 12(a + b) =$$



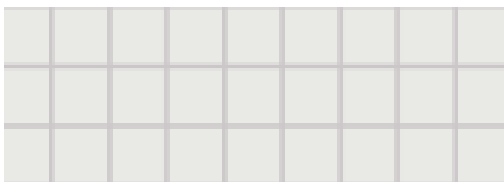
$$a^2(2x^3 + 9) + (2x^3 + 9) =$$



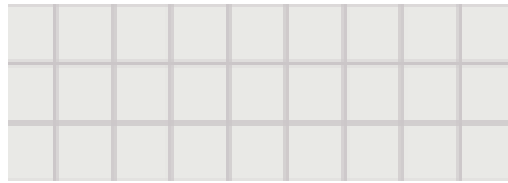
$$35a(a - 7) - 15(a - 7) =$$



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



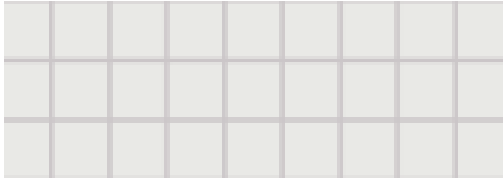
$$(3x + 9)25x^2 - (3x + 9)5x =$$



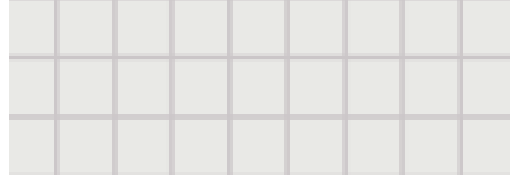
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פרקולאגורמים ע"י הוצאת גורם משותף.
הצפים של ינה

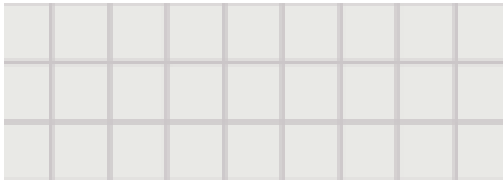
$$a(b - c) + 5(c - b) =$$



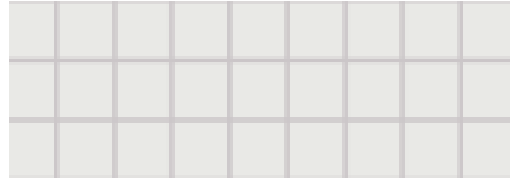
$$a(3 - x) - (x - 3)4 =$$



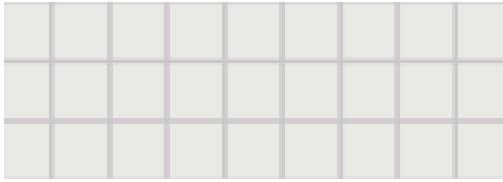
$$4(x - 1) + y(1 - x) =$$



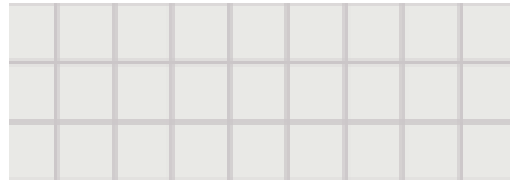
$$x - 5 - x(5 - x) =$$



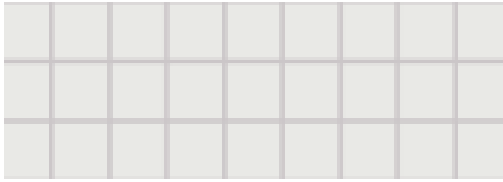
$$a(b - c) - (c - b) =$$



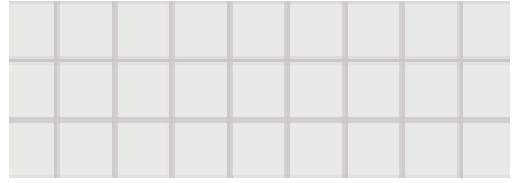
$$-(a - b) - c(b - a) =$$



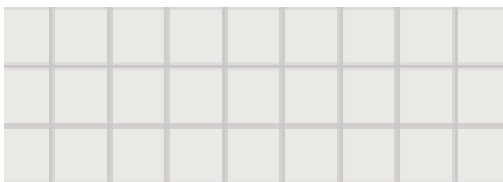
$$2(x - 3) - (3 - x) =$$



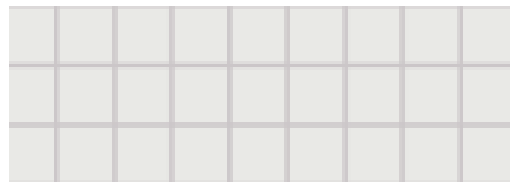
$$a(a - 7) - (-a + 7) =$$



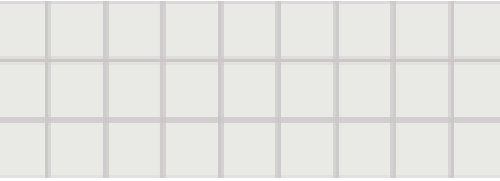
$$-(2x - 1) + y(1 - 2x) =$$



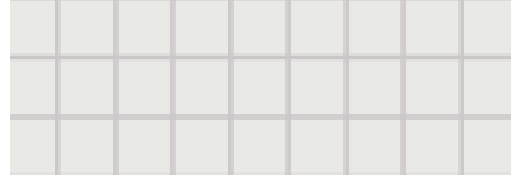
$$(2x - 9)x - (-2x + 9)5x =$$



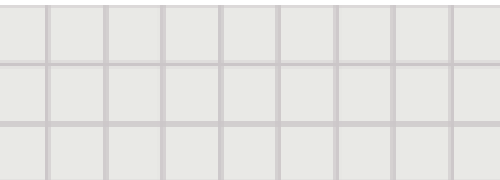
$$-a(b - c) - (c - b)5 =$$



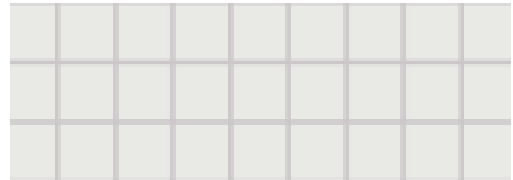
$$a(3 - x) - (x - 3)4 =$$



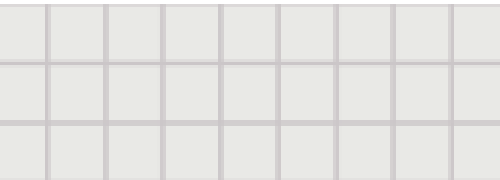
$$-4(x - 1) - y(1 - x) =$$



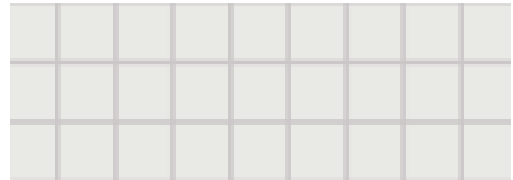
$$x - 5 - (5 - x)x =$$



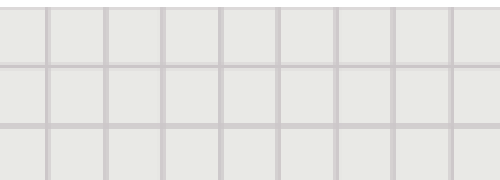
$$-a(b - c) - (c - b)4a =$$



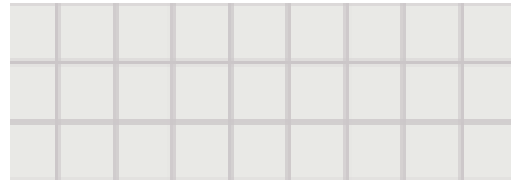
$$-(a - b)c - (b - a) =$$



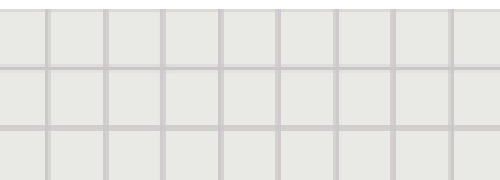
$$-2x^2(x - 3) - x(3 - x) =$$



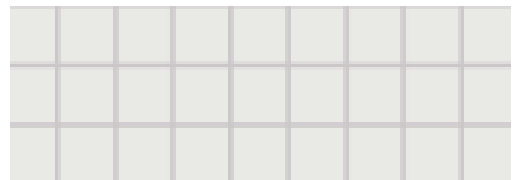
$$-a(a - 7) - (-a + 7)a^4 =$$



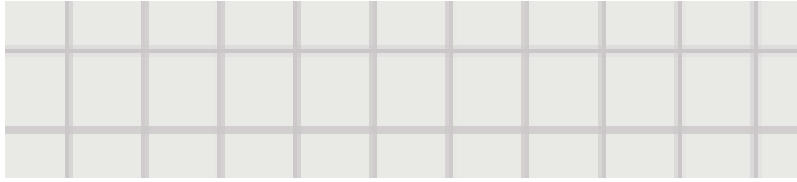
$$-y(2x - 1) - (1 - 2x)y^3 =$$



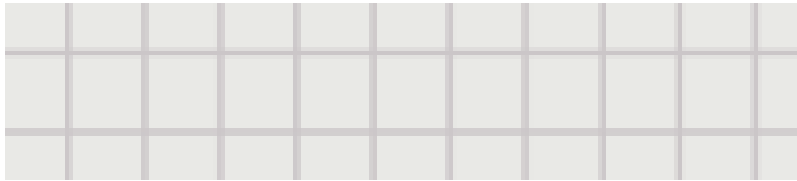
$$-10(2x - 9)x^3 - (-2x + 9)5x =$$



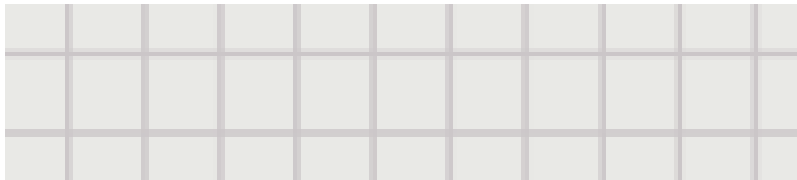
$$(x + 2)(x + 5) + (x + 2)(x + 1) =$$



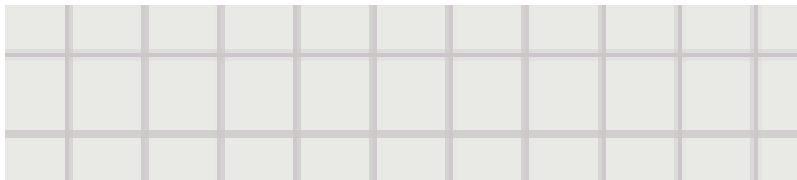
$$x(x + y) - y(x + y) + x + y =$$



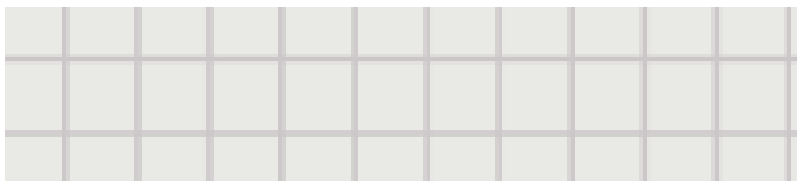
$$(x^2 + 2)(x - 5) + (x^2 + 6)(5 - x) =$$



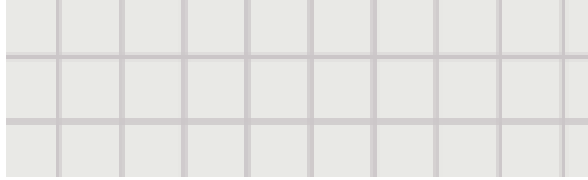
$$36mn^2(m^2 + 3) + 15m^2n(m^2 + 3) =$$



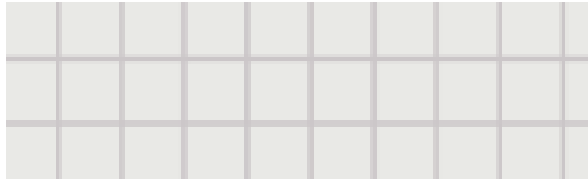
$$-10(2x - 9)x^3 - (-2x + 9)5x =$$



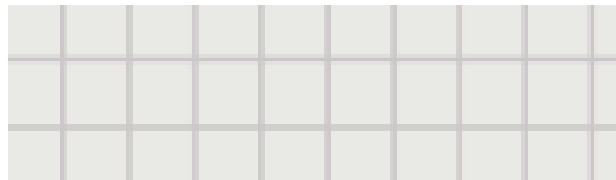
$$5x(y^2 - 3) - 10x^2(y^2 - 3) =$$



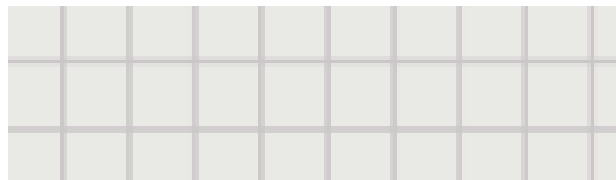
$$5x(y - x) - y + x =$$



$$16x^2(x^4 - 1) + 4xy(x^4 - 1) =$$



$$-34x^2(x^4 - 1) + 4x^4y(1 - x^4) =$$



$$-y(2x - 1) - (1 - 2x)y^3 =$$

