Day 57

1. Opener

a) What polynomial do you subtract from $3x^2 - 8$ to get $5x - 10$?

b) Write a fifth-degree monomial.

c) Distribute: $-2x^2(4x^5 - 5)$

d) Factor: $10y^4 - y + 5y^3$

e) Simplify:

$$\left(5x^4\right)^2\left(5x^5\right)^{-2} \qquad \left(\frac{10x}{5x^3}\right)^{-3}$$

f) What state has the lowest high school graduation rate? The highest?

5. Homework

Practice

$$-2n^4x^2 + 8n^5x^3 + 4n^2x^7$$

Challenge

Friday, 2/20/09:

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	AVG
Fourth	**70**	80	**70**													**73**
Sixth	48	**100**	33													60

Monday, 2/23/09:

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	AVG
Fourth	**75**	90	**70**													**78**
Sixth	48	**100**	33													60


PASS
TEST
TEST
TEST
START
STOP
START
STOP


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Obama

10. Race Car Math

give a third-degree monomial

10. Race Car Math

give a fifth-degree trinomial

10. Race Car Math

give a zeroth-degree binomial

10. Race Car Math

east fan

10. Race Car Math

camera snot

10. Race Car Math

$$(3x^2 - 5x - 7) + (\qquad\qquad) = 0$$

10. Race Car Math

$$(2y^2 + 3y - 4) - (-5x^2 + x + 7) =$$

10. Race Car Math

$$(2h^4 - 5h^9) - (-8h^5 + h^{10}) =$$

10. Race Car Math

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10. Race Car Math

tack tea silly

10. Race Car Math

$$6y - 2 =$$

10. Race Car Math

$$10x^4 - 5x^2 + 15 =$$

10. Race Car Math

$$7y^5 - 1 =$$

10. Race Car Math

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10. Race Car Math

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10. Race Car Math

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10. Race Car Math

$$-5q^2(4q + 3) =$$

10. Race Car Math

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

10. Race Car Math

$$-1(-4y^2 + 3y + 7)$$

11. Homework

Practice

Challenge

Day 58

1. Opener

a) Classify then factor: $10y^4x^2 - 5y^3x^7 + 2y^5x^2$

b) Subtract: $(4x^2 - 3x + 7) - (5x^2 - 7x + 9)$

c) Simplify: $\left(\frac{(-2)^3}{(-4)^2}\right)^{-3}$

d) How long did it take to put out the Twin Towers fires in 2001?

Monday, 2/23/09:

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	AVG
Fourth	**75**	90	**70**													**78**
Sixth	48	**100**	33													60

Wednesday, 2/25/09:

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	AVG
Fourth	**75**	90	**70**													**78**
Sixth	52	**100**	38													63


LEO SAYER


STEREO WALRUS DRIP


nas
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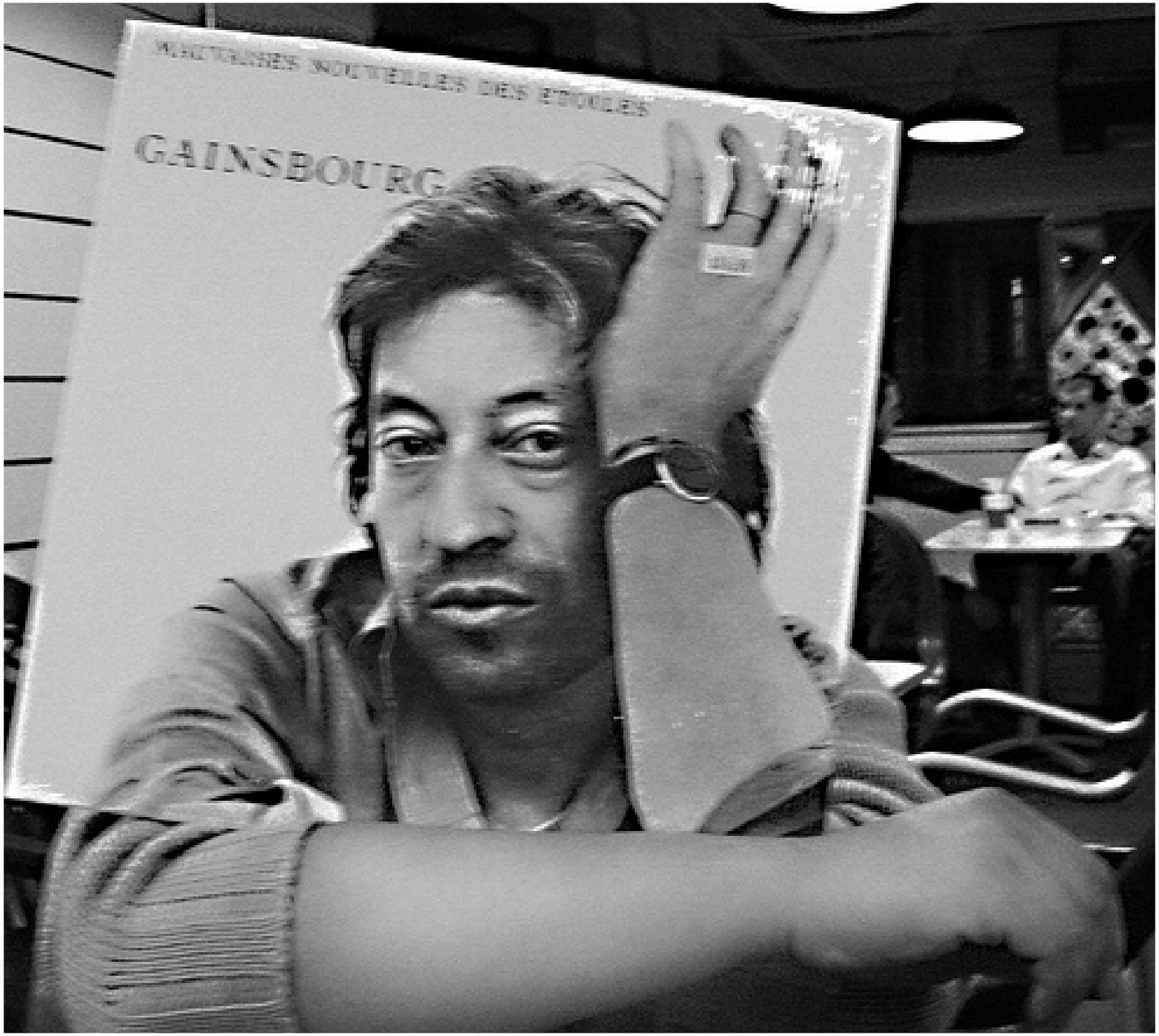
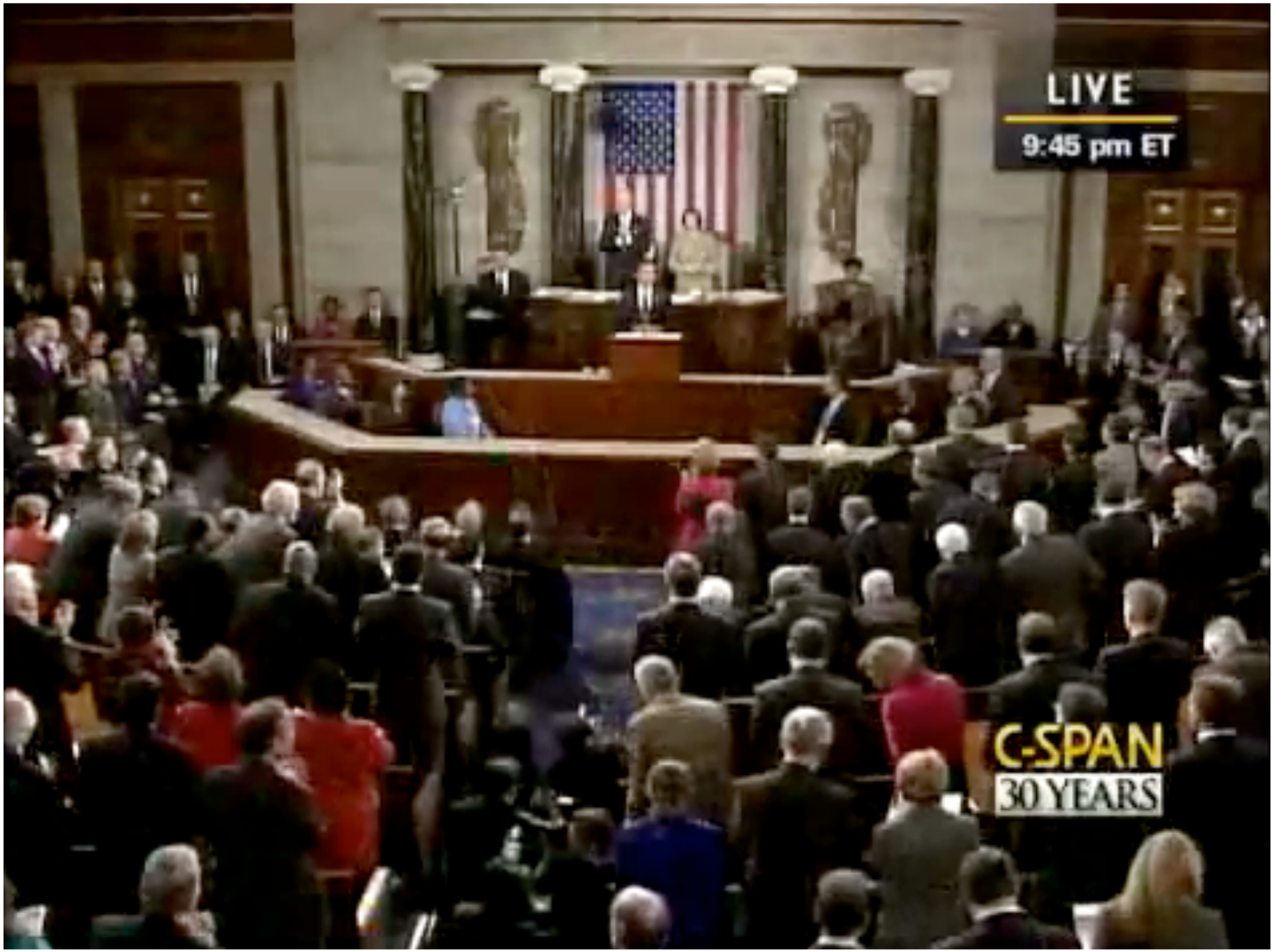
FREDDIE MERCURY


AVENTURES NOUVELLES DES ETOILES
GAINSBOURG


ELVIS
SUSPICIOUS MINDS
RETURN TO SENDER
A BIG HUNK O' LOVE
YOU'RE THE DEVIL IN DISGUISE
GOT A LOT O' LIVIN' TO DO
IN THE GHETTO
GOOD LUCK CHARM
U.S. MALE
PARTY
OLD SHEP
ONE NIGHT
FEVER


THE PROFESSIONALS I DIDN'T SEE IT COMING

$$\Pr[T_A<1, T_B<1] = \Phi_2(\Phi^{-1}(F_A(1)), \Phi^{-1}(F_B(1)), \gamma)$$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2. Multiplying Polynomials

9 • 14

2. Multiplying Polynomials

$7 \cdot 15$

2. Multiplying Polynomials

$$7 \cdot (10 + 5)$$

2. Multiplying Polynomials

$7 \bullet (10 + 5)$

$-2x^2(4x^5 - 8x)$

2. Multiplying Polynomials

$$18 \cdot 17$$

2. Multiplying Polynomials

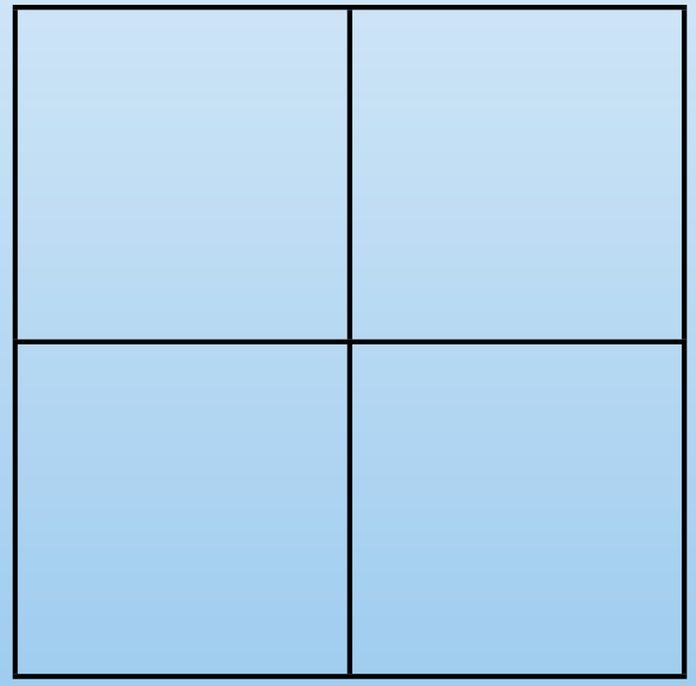
$(10 + 8)(10 + 7)$

$(x^2 - 8)(x^5 - 7)$

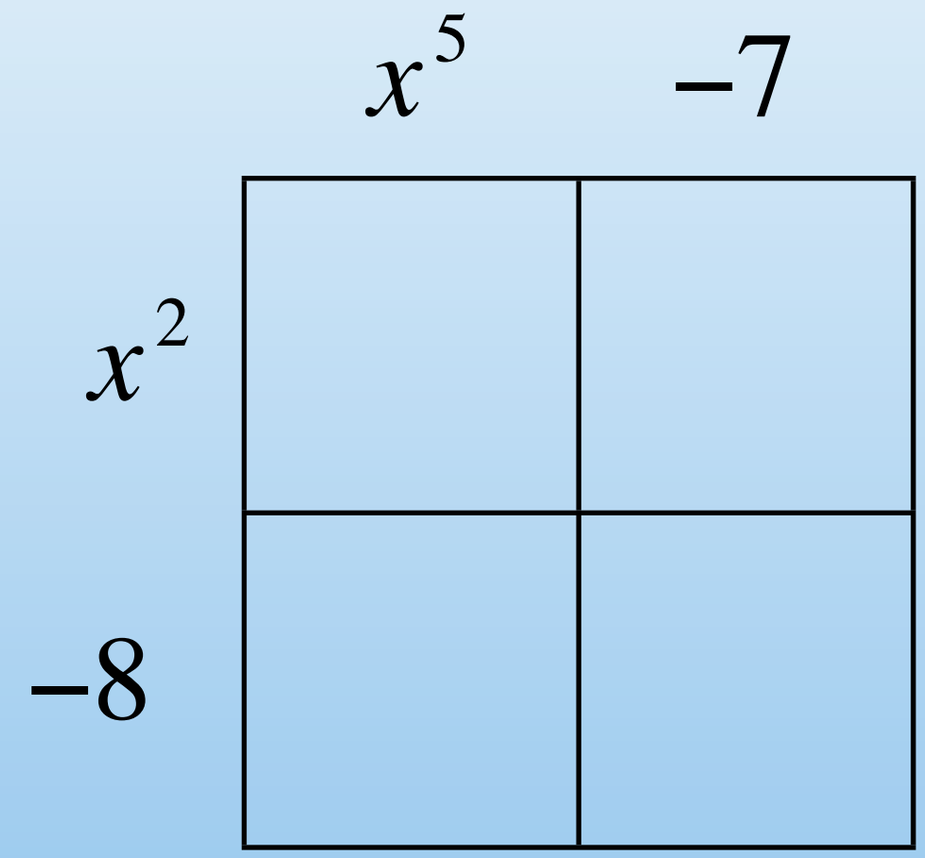
2. Multiplying Polynomials

$$(x^2 - 8)(x^5 - 7)$$

2. Multiplying Polynomials



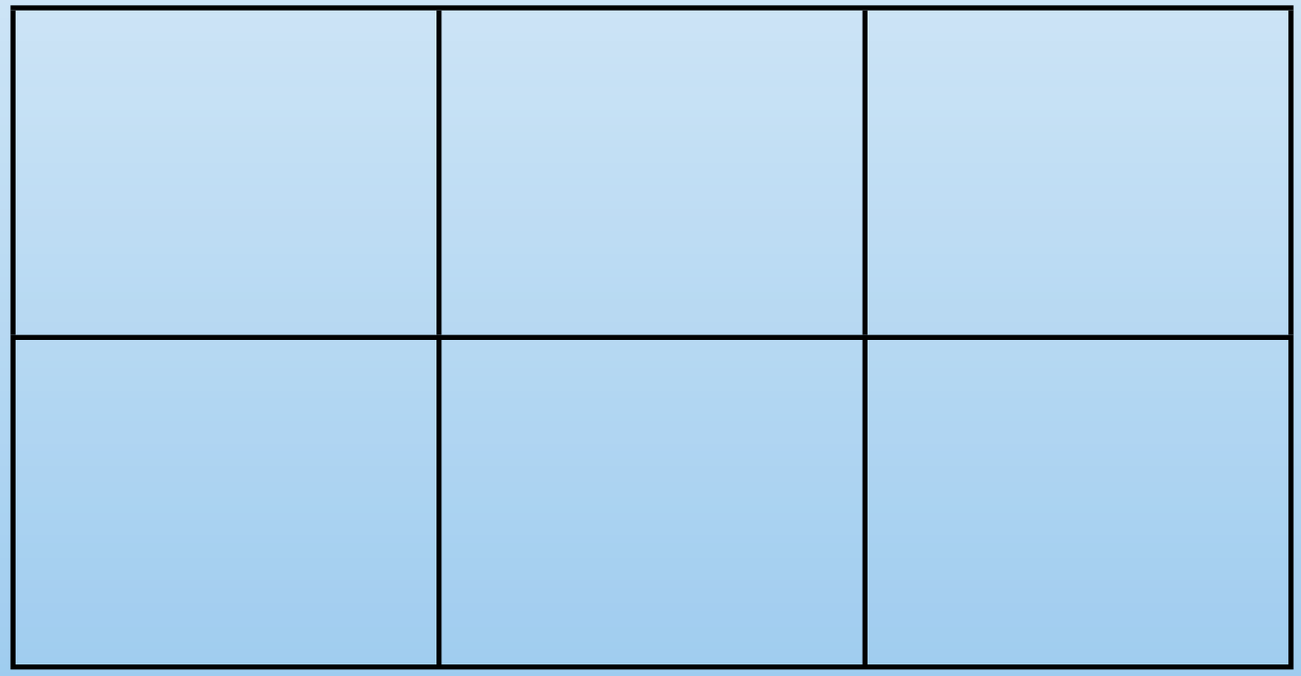
2. Multiplying Polynomials



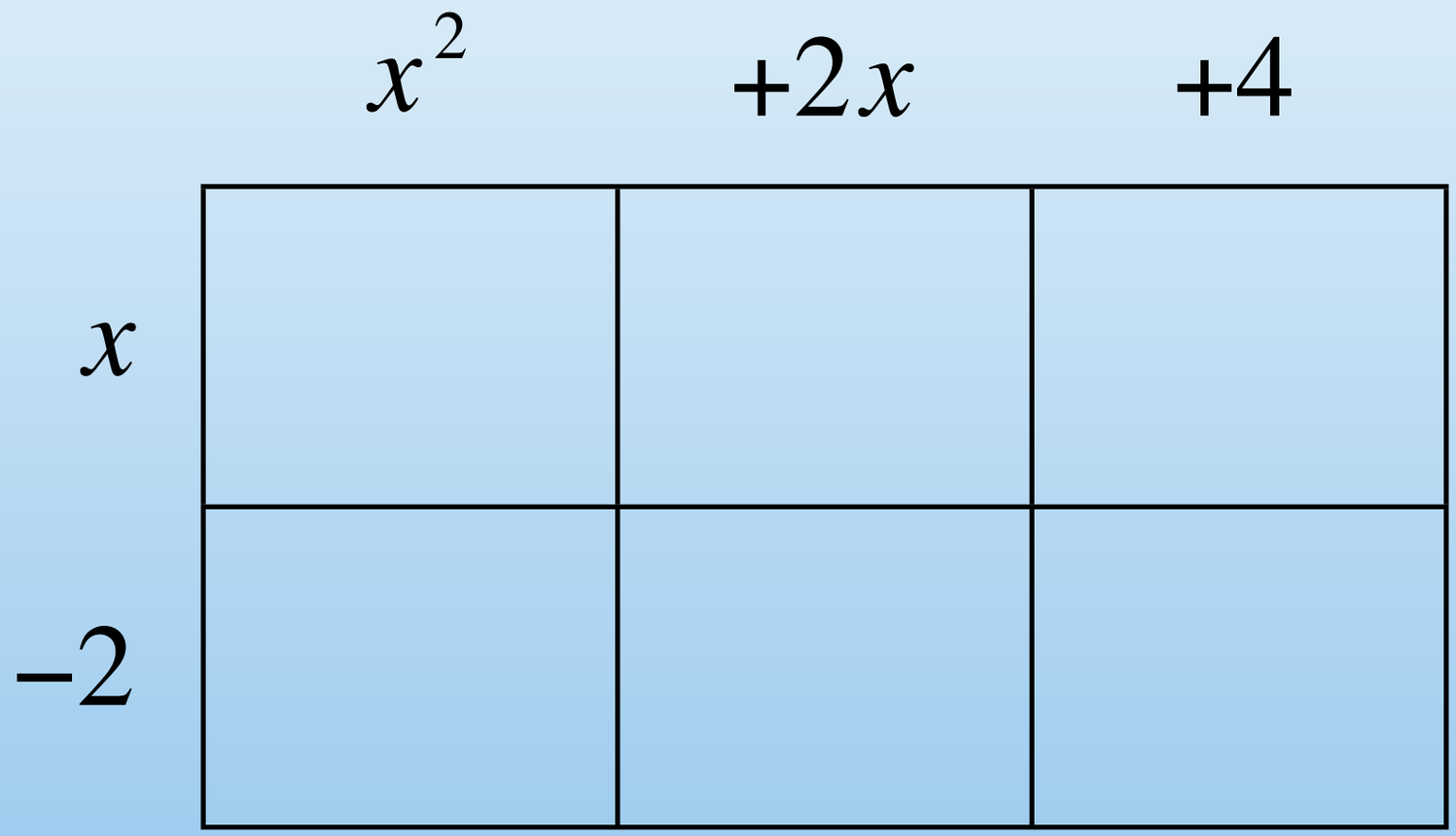
2. Multiplying Polynomials

$$(x-2)(x^2+2x+4)$$

2. Multiplying Polynomials



2. Multiplying Polynomials



3. Classwork

3. Classwork

pg. 383 // #11 - 19

3. Classwork

pg. 383 // #11 - 19
pg. 383 // #26 - 29

3. Classwork

pg. 383 // #11 - 19
pg. 383 // #26 - 29

4. Break

3. Classwork

pg. 383 // #11 - 19
pg. 383 // #26 - 29

4. Break

5. Show and Tell

6. Concept Quiz

7. Homework

Practice

$$(a-4)(a^2+4a+16)$$

Challenge

Wednesday, 2/25/09:

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	AVG
Fourth	**75**	90	**70**													**78**
Sixth	52	**100**	38													63

Day 59

1. Opener

Let A = $x^2 - 2x + 3$

Let B = $3x^2 - 2x + 5$

a) Find A + B

b) Find A - B

c) Factor: $6x^2y + 3x^5y^2 - 9x^7 =$

d) Distribute: $(x - 3)(x^2 - 2x + 5) =$

e) Simplify:

$$(-3ax^3y^{-2})^{-2} =$$

$$\left(\frac{(x^2)^3}{(x^5)^1}\right)^{-2} =$$

f) What do you call someone from: Kentucky, Minnesota, Florida, Maryland, Idaho?

5. Homework

Practice

$$(a-4)(a^2+4a+16)$$

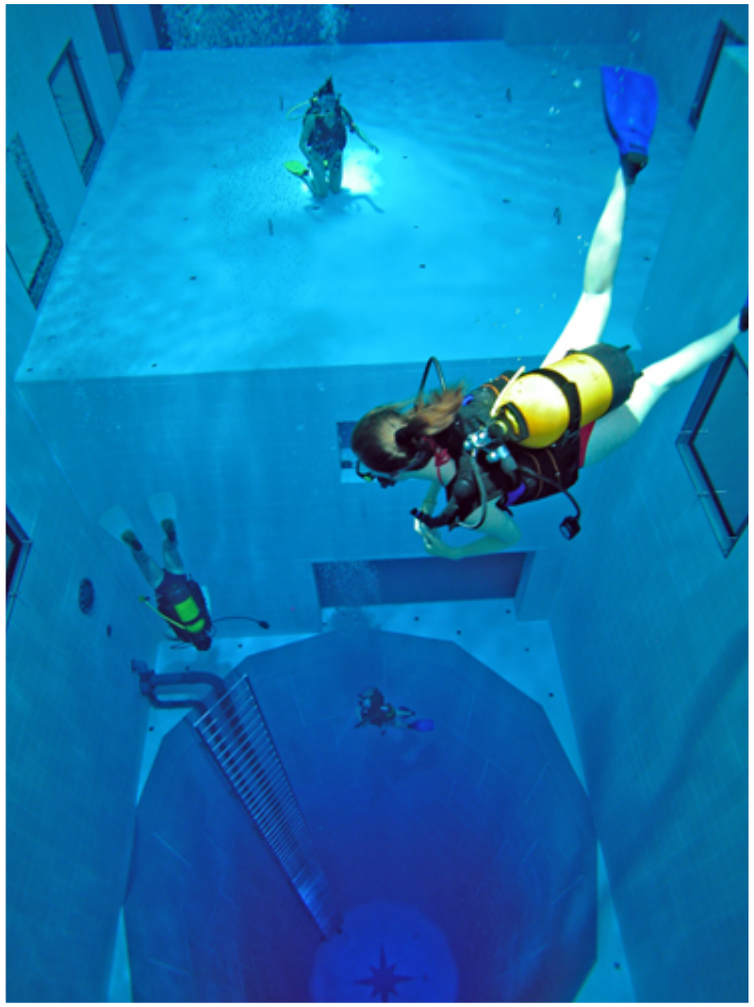
Challenge

Wednesday, 2/25/09:

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	AVG
Fourth	**75**	90	**70**													**78**
Sixth	52	**100**	38													63

Friday, 2/27/09:

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	AVG
Fourth	**80**	90	**70**	22	**28**											**58**
Sixth	52	**100**	43	**28**	17											48

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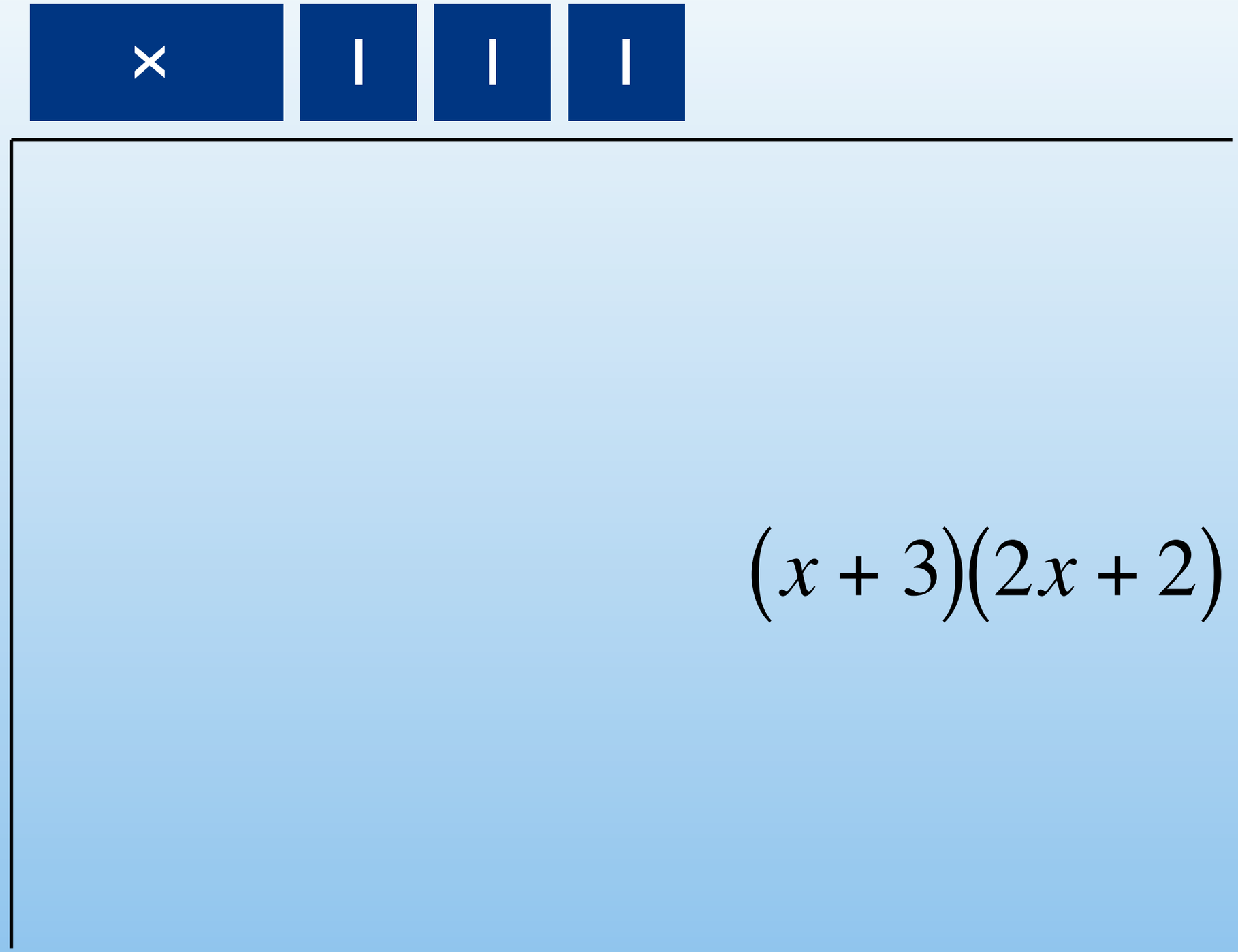
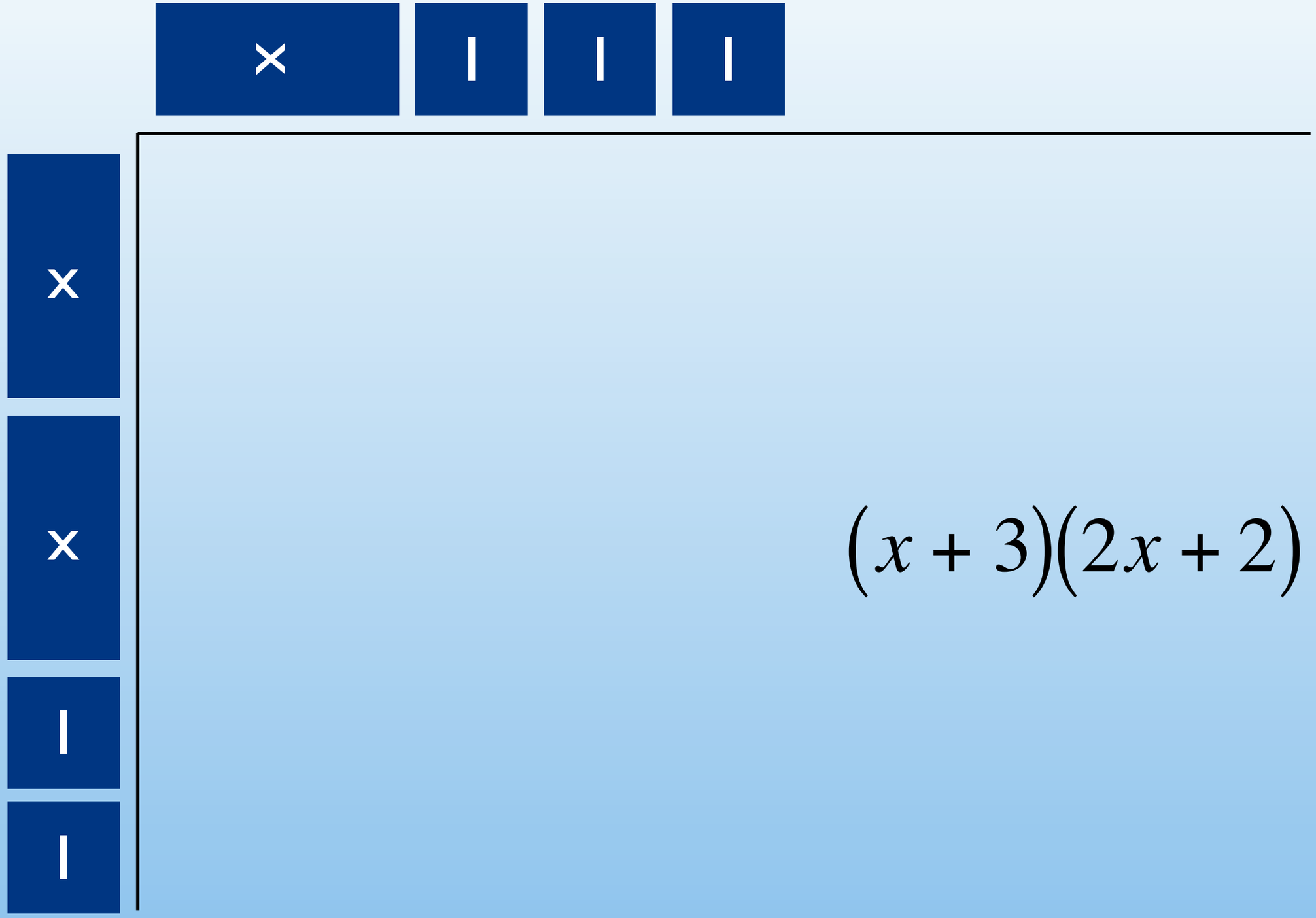
2. Algebra Tiles

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

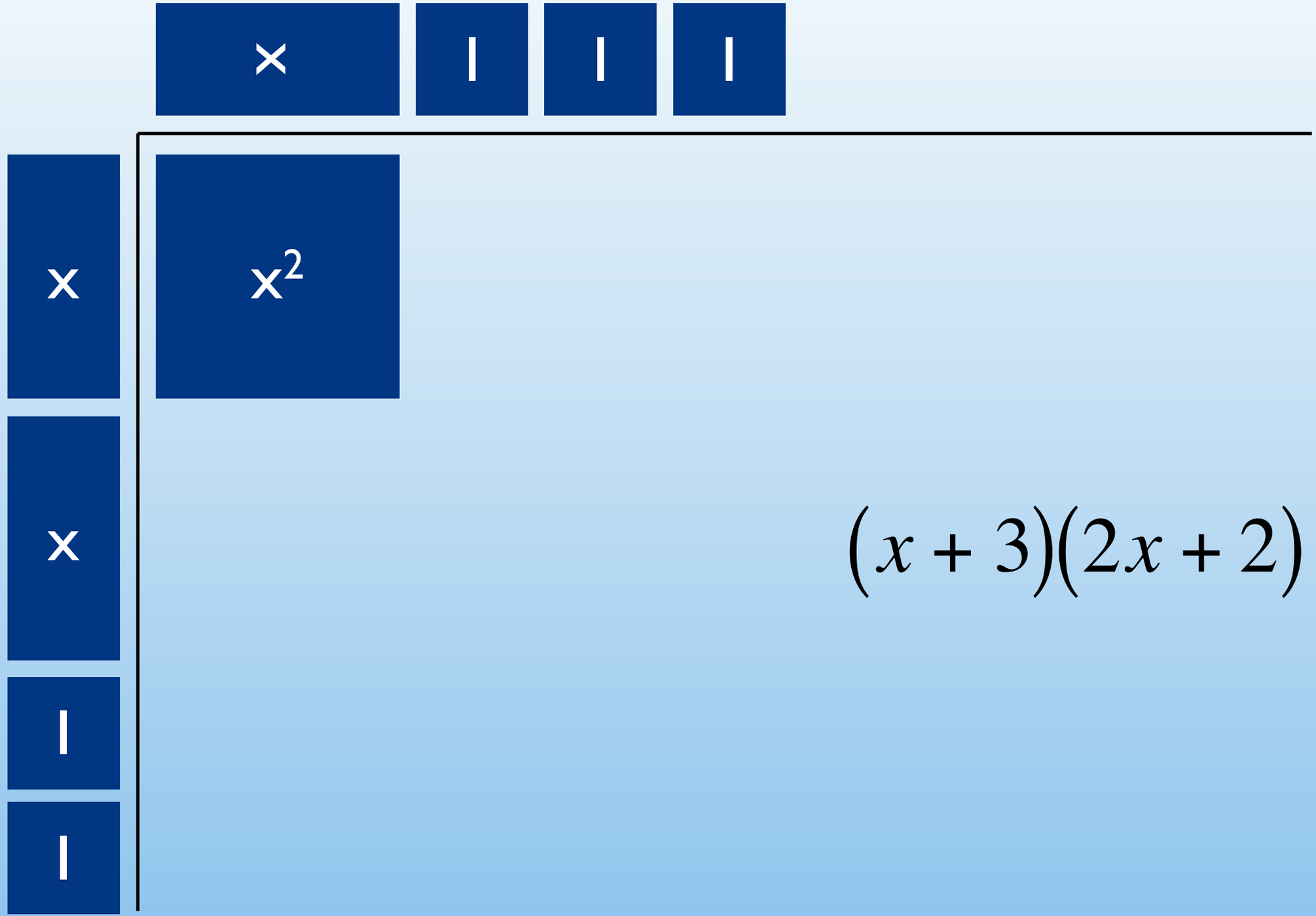
$$(x+3)(2x+2)$$



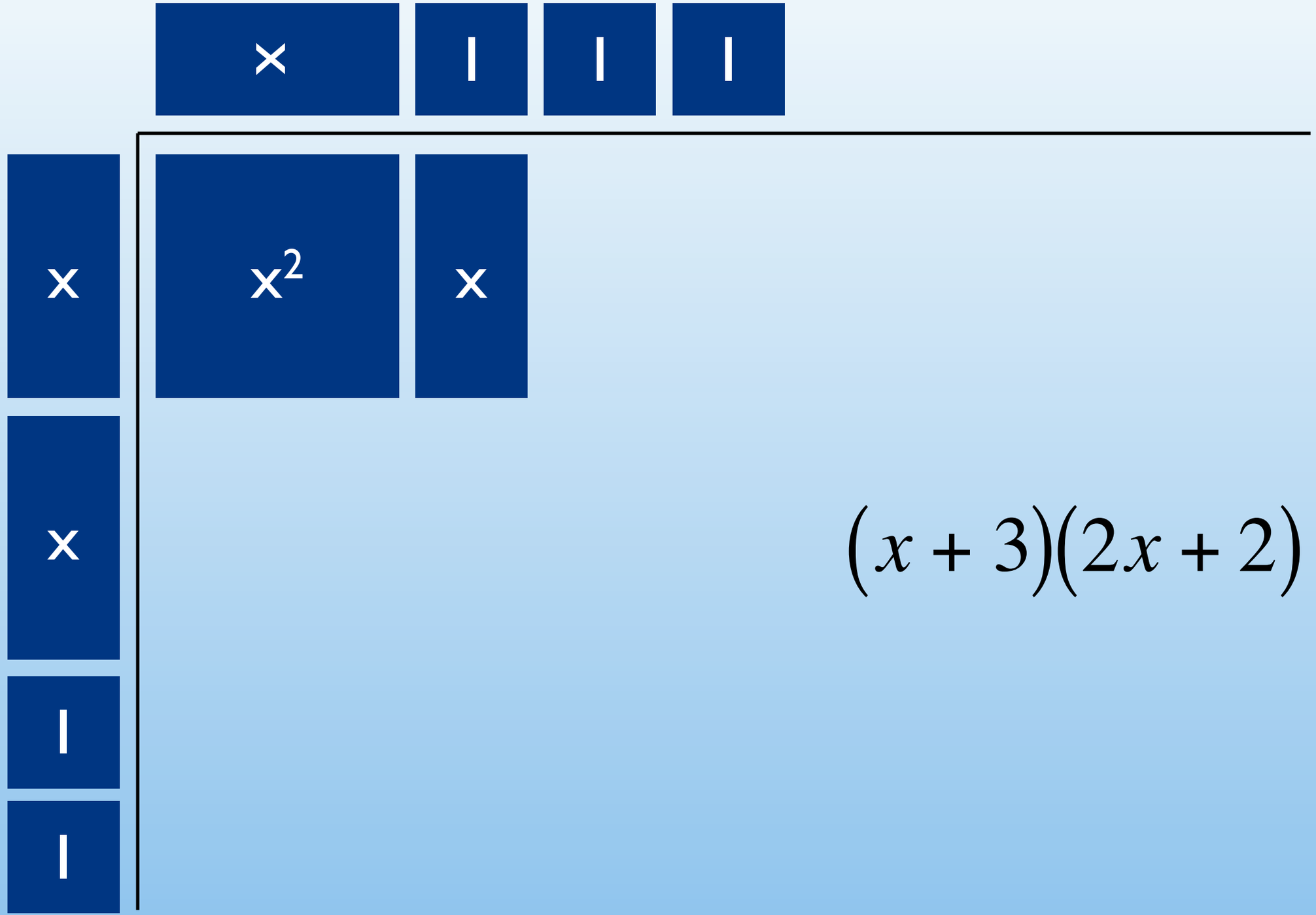
$$(x+3)(2x+2)$$



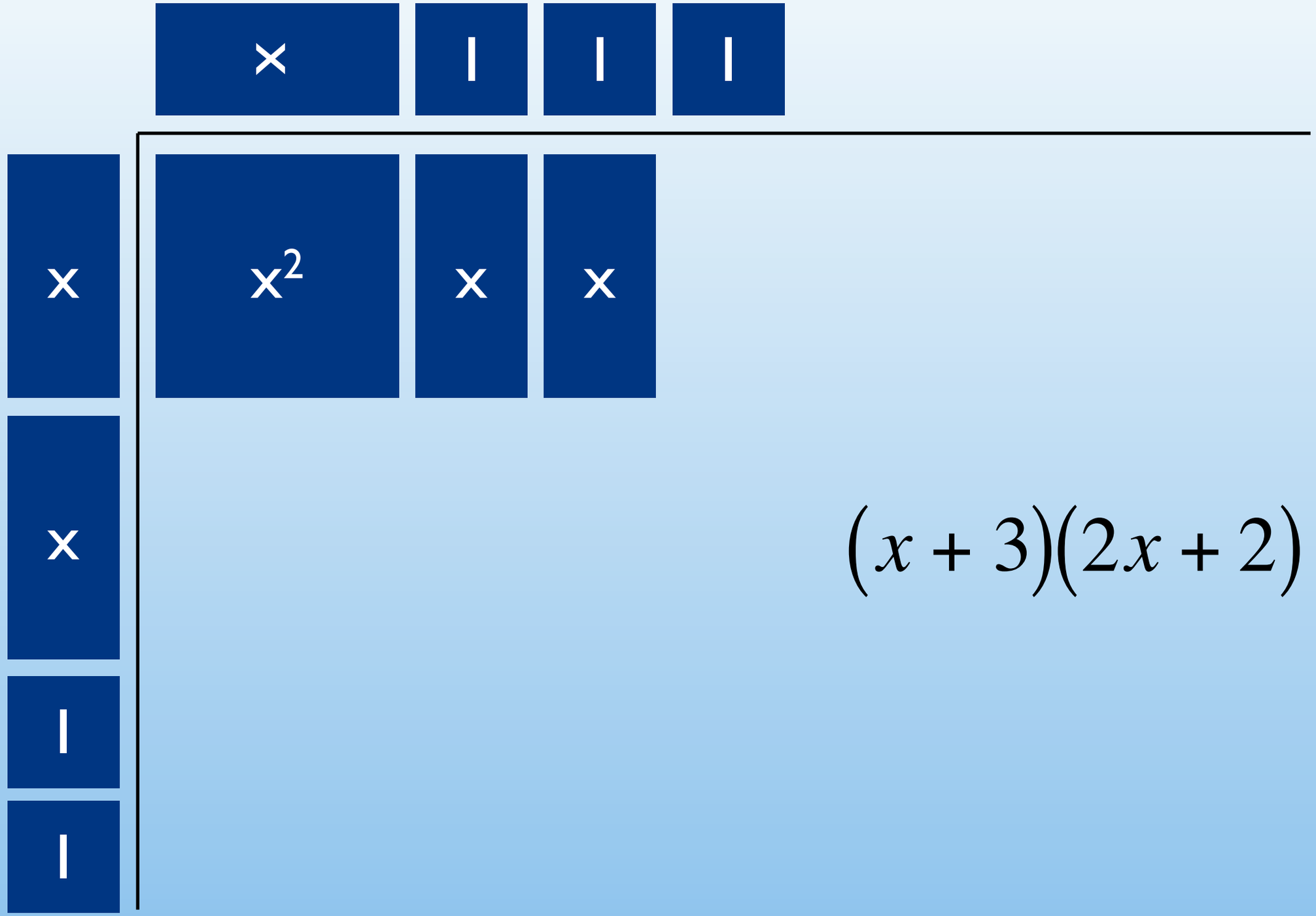
$$(x+3)(2x+2)$$



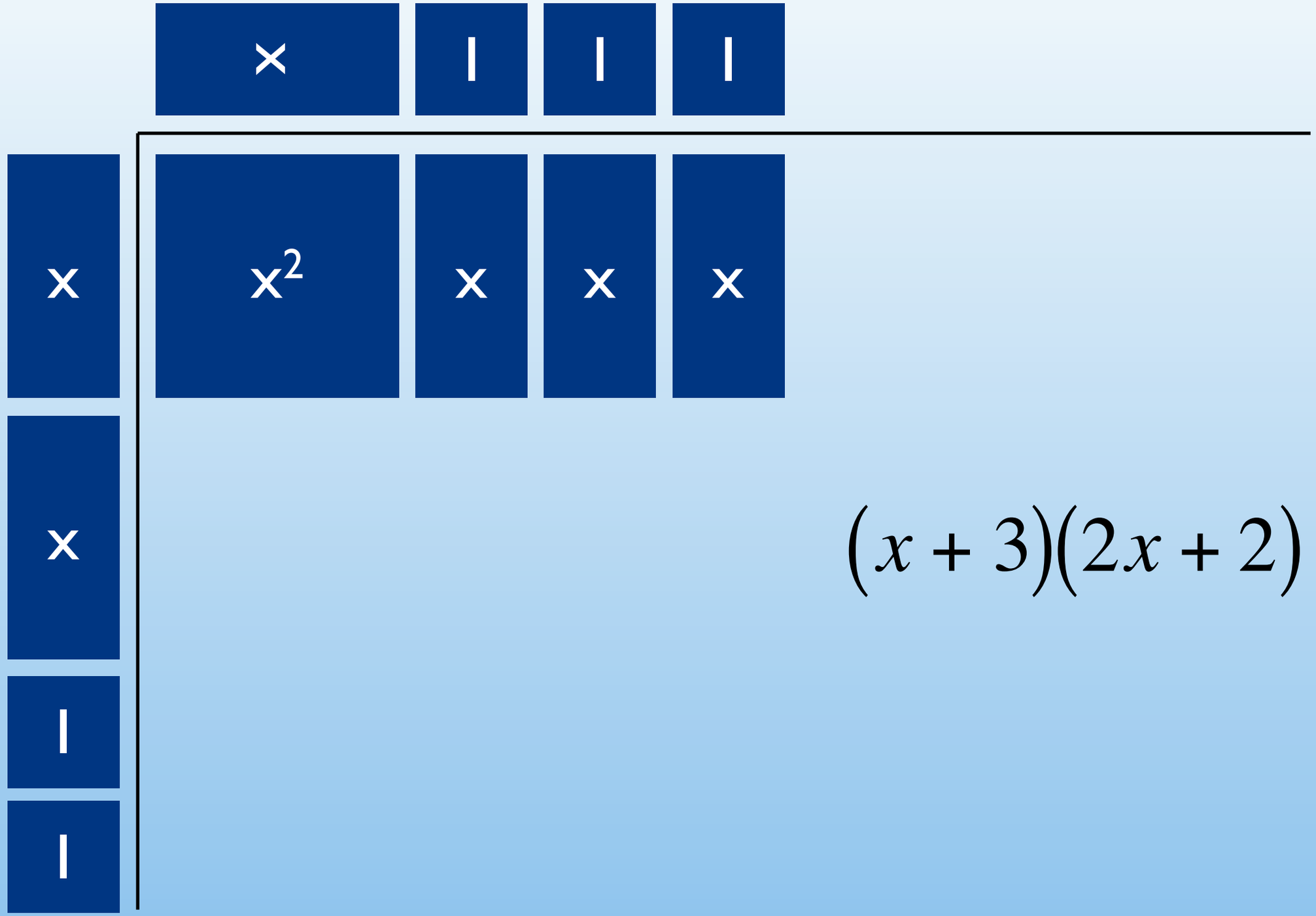
$$(x+3)(2x+2)$$



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



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



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

	x	1	1	1
x	x^2	x	x	x
x	x^2	x	x	x
1	x	1	1	1
1	x	1	1	1

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

2. Algebra Tiles

$$(x+2)(x+5)$$

$$(x+2)(2x+5)$$

$$(x+1)(x+6)$$

$$(x+2)(x+5)$$

$$(x+2)(2x+5)$$

$$(x+1)(x+6)$$

$$(x+3)(x+3)$$

$$(x-3)(x+3)$$

$$(x-3)(x-3)$$

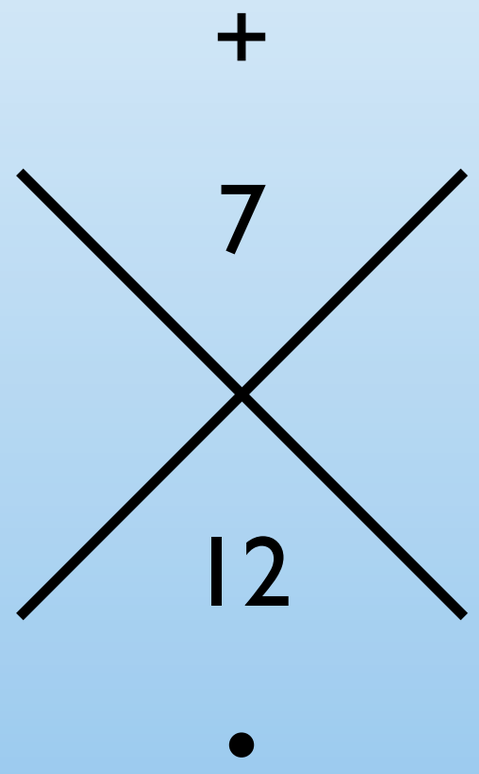
$$(2x-3)(x-3)$$

3. Break

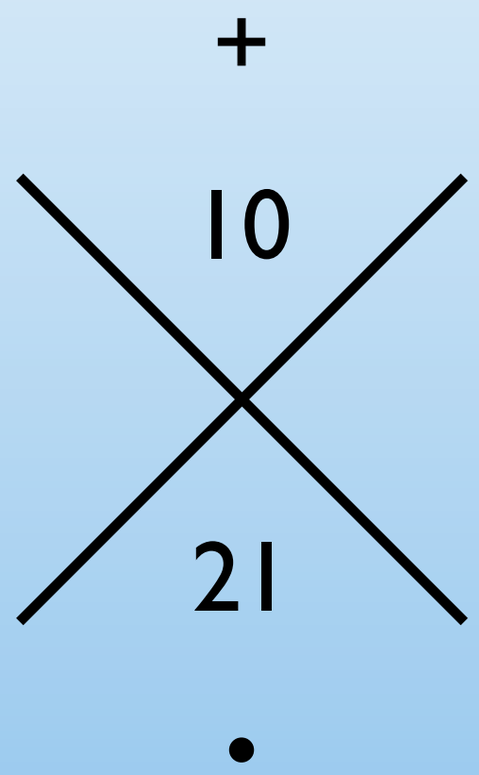
3. Break

4. Show and Tell

5. Diamond Problems



5. Diamond Problems



6. Factoring Trinomials

$$3x - 6$$

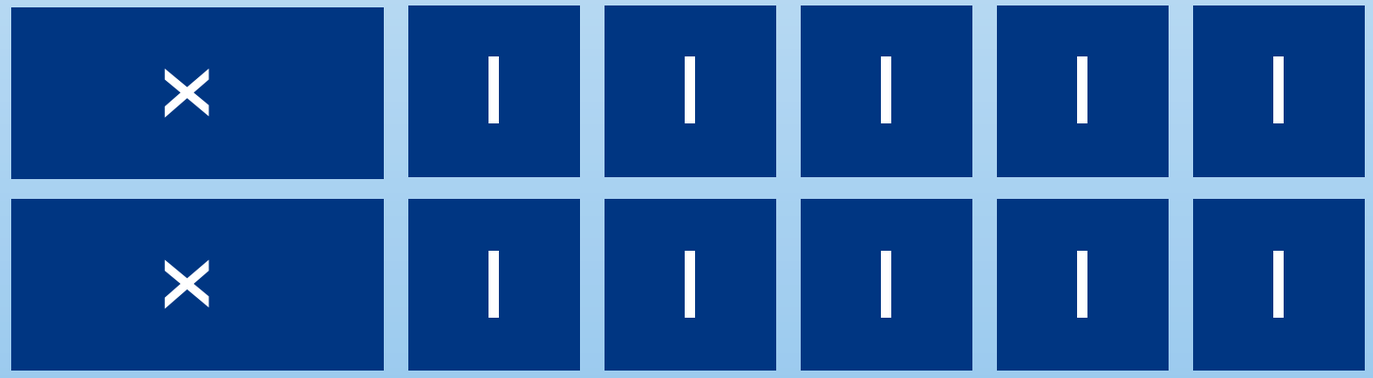
6. Factoring Trinomials

$$3x^2 - 6x + 12$$

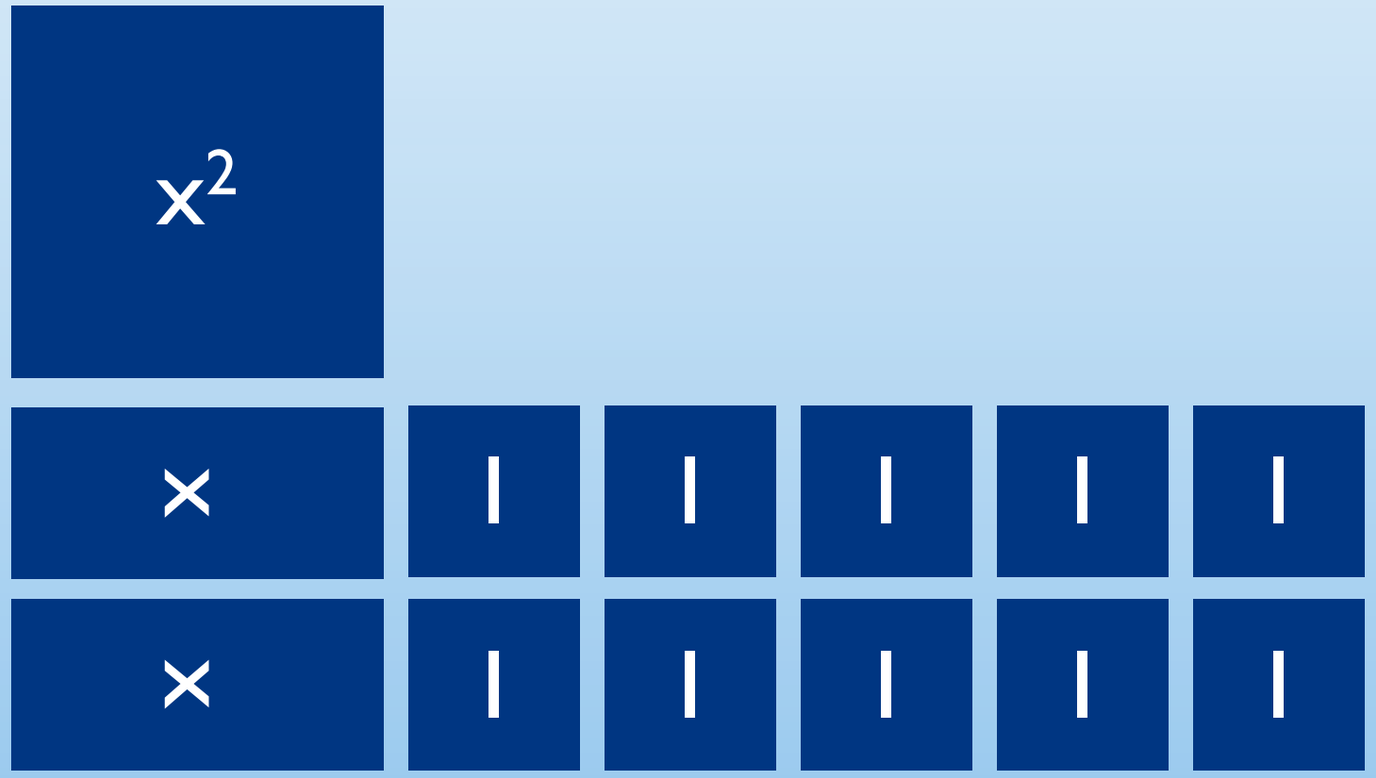
6. Factoring Trinomials

$$x^2 + 7x + 10$$

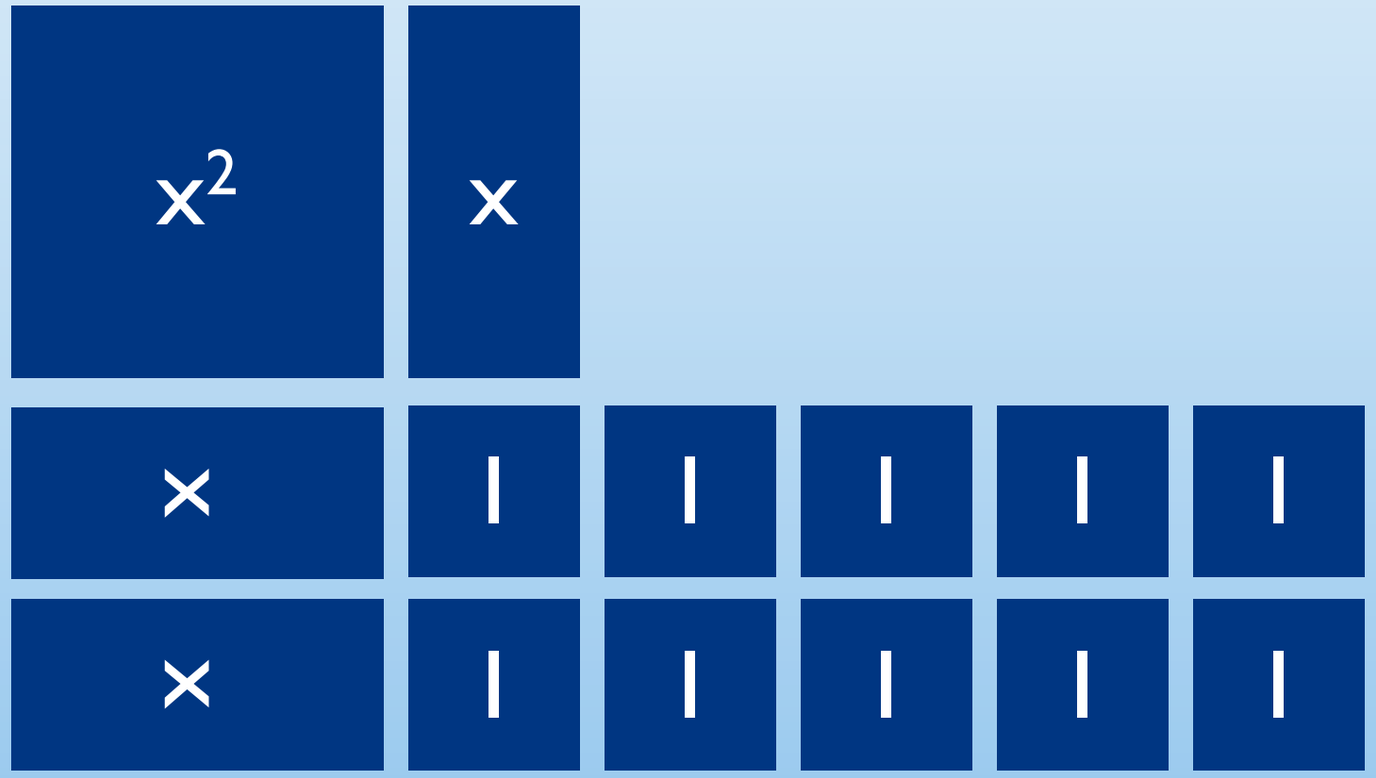
6. Factoring Trinomials



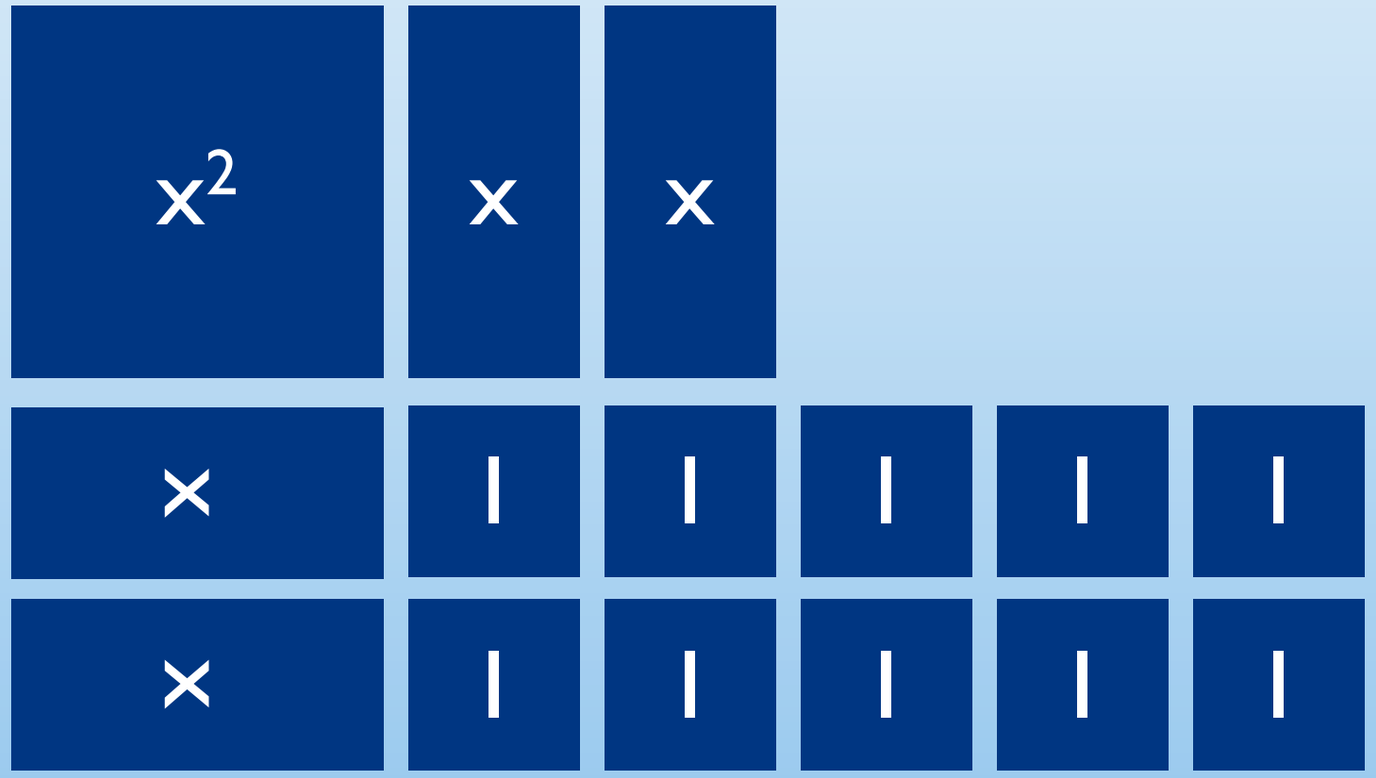
6. Factoring Trinomials



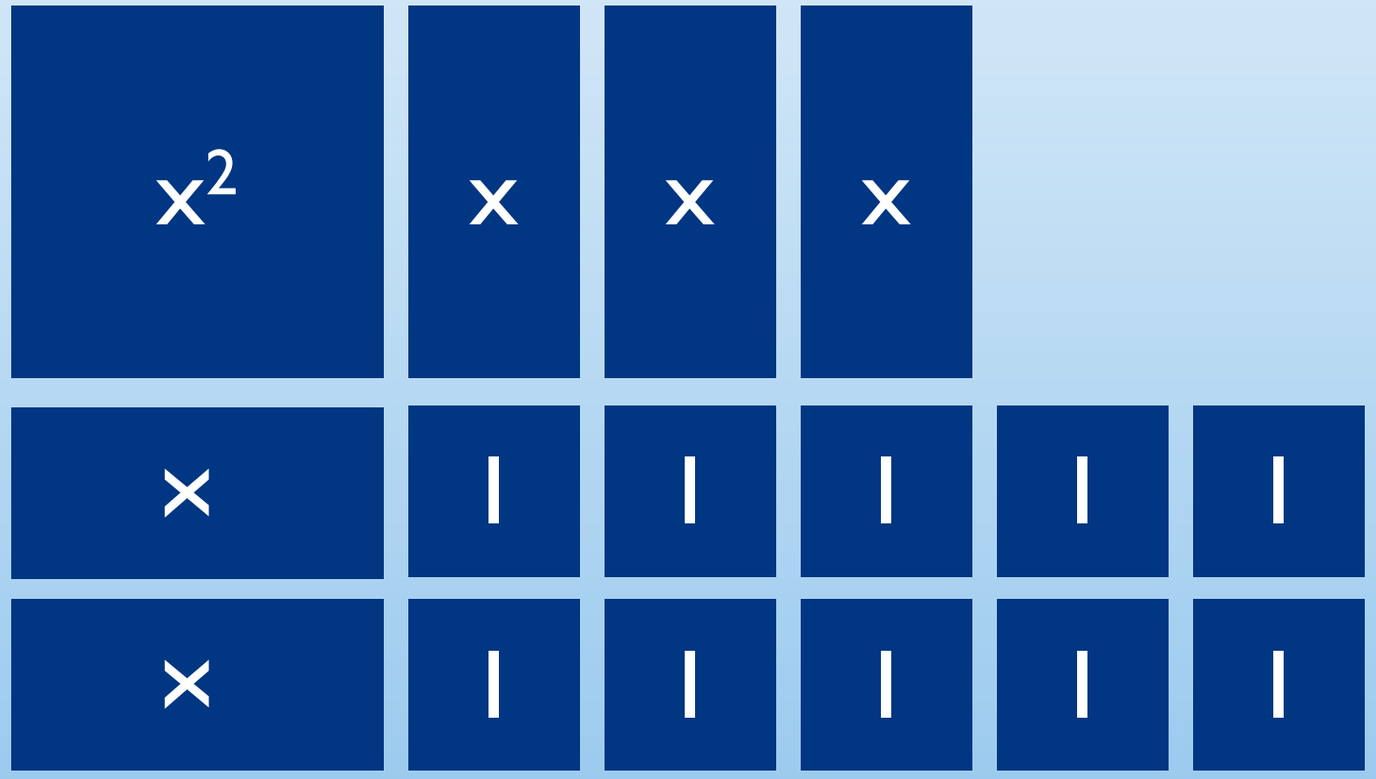
6. Factoring Trinomials



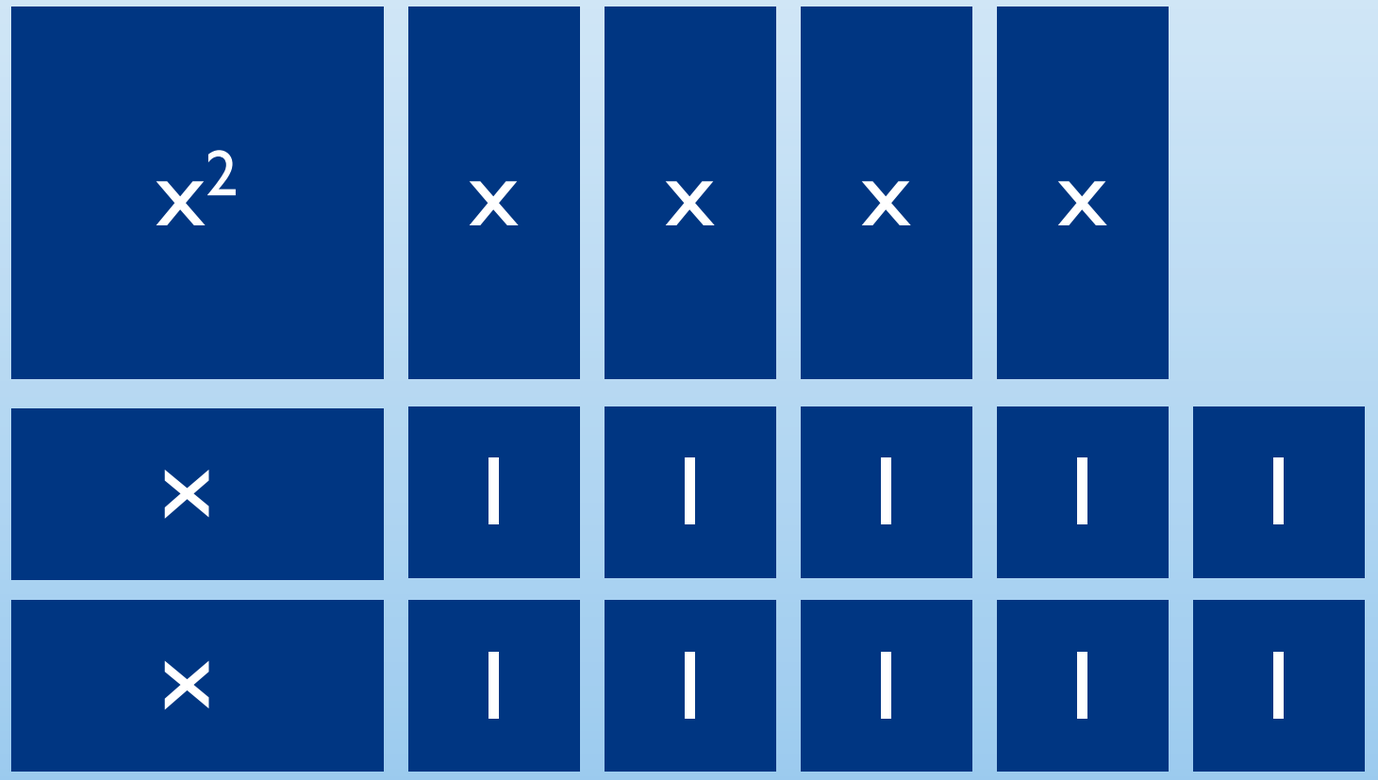
6. Factoring Trinomials



6. Factoring Trinomials



6. Factoring Trinomials



6. Factoring Trinomials

x^2	x	x	x	x	x
x	1	1	1	1	1
x	1	1	1	1	1