

FOIL / PEID

F First terms

P Premier x premier

O Outer terms

E extérieur x extérieur

I Inner terms

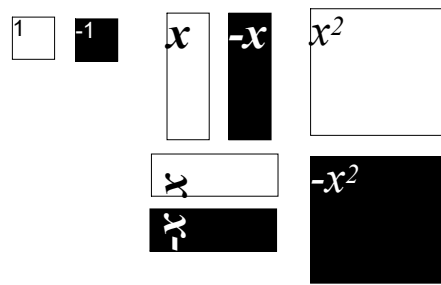
I intérieur x intérieur

L Last terms

D dernier x dernier

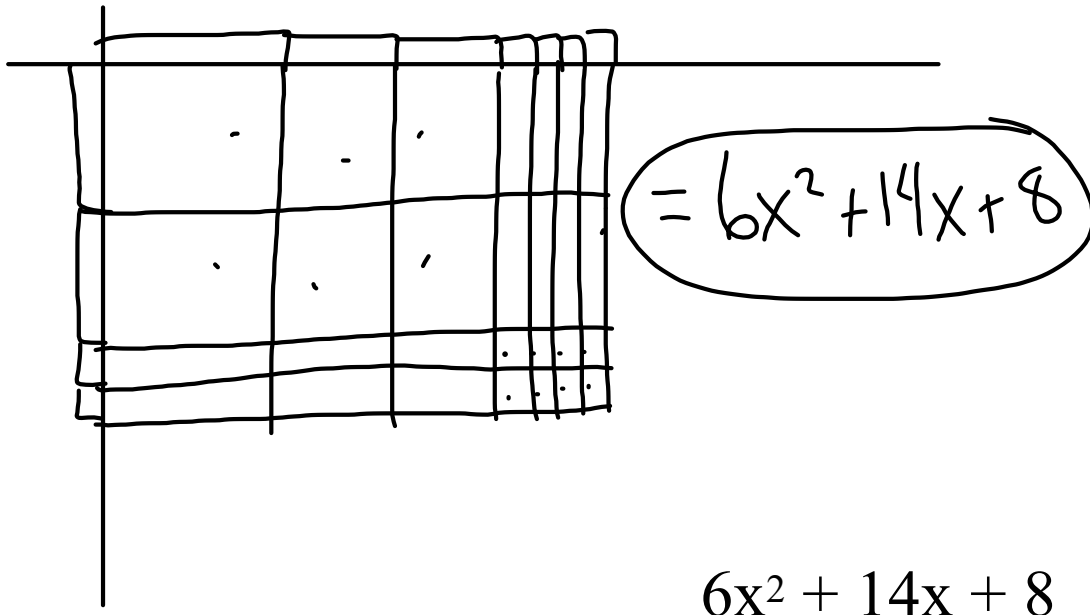
$$(x - 3)(x + 1)$$
$$\begin{array}{cccc} 1 & 2 & 3 & 4 \\ x^2 & + x & - 3x & - 3 \end{array}$$
$$= x^2 - 2x - 3$$

Comparer les méthodes:



$$(2x + 2)(3x + 4)$$

1) Carreaux Algébriques



2) Modèle Rectangulaire $(2x + 2)(3x + 4)$

$2x$	$6x^2$	$8x$
2	$6x$	8
	$3x$	4

$$= 6x^2 + 14x + 8$$

3) FOIL

FIRST / PREMIER
 OUTER / EXTÉRIEUR
 INNER / INTÉRIEUR
 LAST / DERNIER

$$(2x + 2)(3x + 4)$$

$$= 6x^2 + 8x + 6x + 8$$

$$= 6x^2 + 14x + 8$$

Pratique (FOIL)

1. $(4x - 5)(x - 3)$

4. $(4x - 2)(3x + 3)$

2. $(4x - 4)(x - 4)$

5. $(x - 1)(2x + 5)$

3. $(2x + 2)(3x + 5)$

6. $(5x + 2)(4x + 4)$

a. $(x + 7)(x + 3)$

g. $(x - 8)(x + 2)$

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

h. $(3x - 1)(x - 5)$

c. $(2x + 1)(3x + 5)$

i. $(2x - 5)(x + 3)$

d. $(x + 3)(x - 3)$

j. $(x + 5)^2$

e. $(5x - 2)^2$

k. $(x + 3)(4x + 6)$

f. $(3x + 4)^2$

l. $(5x + 3)(4x + 6)$

1) Pratique

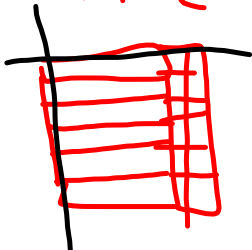
2) Corrige
(au tableau)

3) Devoir
(compte)

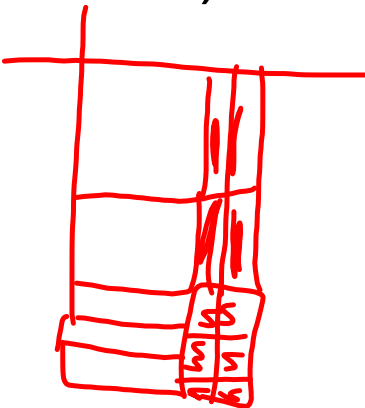
Aide supplémentaire:

à dîner - **jeudi** (avec moi)

après l'école - **lundi** (learning
commons avec Mme Wallace)

$$6x + 12$$


A hand-drawn grid for factoring the expression $6x + 12$. The grid is a rectangle with a vertical line on the left and a horizontal line on top. The interior is divided into a 3x2 grid of six cells. The top-left cell contains the letter 'x', and the top-right cell contains the number '2'. The other four cells are empty.

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


A hand-drawn grid for factoring the expression $2x^2 - x - 6$. The grid is a rectangle with a vertical line on the left and a horizontal line on top. The interior is divided into a 3x2 grid of six cells. The top-left cell contains the letter 'x', and the top-right cell contains the number '2'. The other four cells are empty.