

Calcul mental

Calcul littéral :
Réduire

Entraînement 1

$x + x$	

$5x + 4x$	

$2x - 7x + 7$	

	$5 - 5x + x$

	$x + (x + 3)$

	$3x - (x + 2)$

Prenez votre stylo vert

$x + x$	

$x + x = 2x$	

$x + x = 2x$	
$5x + 4x$	

$x + x = 2x$	
$5x + 4x = 9x$	

$$x + x = 2x$$

$$5x + 4x = 9x$$

$$2x - 7x + 7$$

$$x + x = 2x$$

$$5x + 4x = 9x$$

$$2x - 7x + 7 = -5x + 7$$

$$x + x = 2x$$

$$5 - 5x + x$$

$$5x + 4x = 9x$$

$$2x - 7x + 7 = -5x + 7$$

$$x + x = 2x$$

$$5 - 5x + x = -4x + 5$$

$$5x + 4x = 9x$$

$$2x - 7x + 7 = -5x + 7$$

$$x + x = 2x$$

$$5 - 5x + x = -4x + 5$$

$$5x + 4x = 9x$$

$$x + (x + 3)$$

$$2x - 7x + 7 = -5x + 7$$

$$x + x = 2x$$

$$5 - 5x + x = -4x + 5$$

$$5x + 4x = 9x$$

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

$$2x - 7x + 7 = -5x + 7$$

$$x + x = 2x$$

$$5 - 5x + x = -4x + 5$$

$$5x + 4x = 9x$$

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

$$2x - 7x + 7 = -5x + 7$$

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

$$x + x = 2x$$

$$5 - 5x + x = -4x + 5$$

$$5x + 4x = 9x$$

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

$$2x - 7x + 7 = -5x + 7$$

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

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Entraînement 2

$x + 5x$	

$5x - 5 - 6x$	

$-2x + 9 - 3x + 8$	

	$x + (5x - 1)$

	$2x - (x + 5)$

	$6x - (7x - 9)$

Prenez votre stylo vert

$x + 5x$	

$x + 5x = 6x$	

$x + 5x = 6x$	
$5x - 5 - 6x$	

$$x + 5x = 6x$$

$$5x - 5 - 6x = -x - 5$$

$$x + 5x = 6x$$

$$5x - 5 - 6x = -x - 5$$

$$-2x + 9 - 3x + 8$$

$$x + 5x = 6x$$

$$5x - 5 - 6x = -x - 5$$

$$\begin{aligned} -2x + 9 - 3x + 8 \\ = -5x + 17 \end{aligned}$$

$$x + 5x = 6x$$

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

$$5x - 5 - 6x = -x - 5$$

$$\begin{aligned} -2x + 9 - 3x + 8 \\ = -5x + 17 \end{aligned}$$

$$x + 5x = 6x$$

$$x + (5x - 1) = 6x - 1$$

$$5x - 5 - 6x = -x - 5$$

$$\begin{aligned} -2x + 9 - 3x + 8 \\ = -5x + 17 \end{aligned}$$

$$x + 5x = 6x$$

$$x + (5x - 1) = 6x - 1$$

$$5x - 5 - 6x = -x - 5$$

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

$$\begin{aligned} -2x + 9 - 3x + 8 \\ = -5x + 17 \end{aligned}$$

$$x + 5x = 6x$$

$$x + (5x - 1) = 6x - 1$$

$$5x - 5 - 6x = -x - 5$$

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

$$\begin{aligned} -2x + 9 - 3x + 8 \\ = -5x + 17 \end{aligned}$$

$$x + 5x = 6x$$

$$x + (5x - 1) = 6x - 1$$

$$5x - 5 - 6x = -x - 5$$

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

$$\begin{aligned} -2x + 9 - 3x + 8 \\ = -5x + 17 \end{aligned}$$

$$6x - (7x - 9)$$

$$x + 5x = 6x$$

$$x + (5x - 1) = 6x - 1$$

$$5x - 5 - 6x = -x - 5$$

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

$$\begin{aligned} -2x + 9 - 3x + 8 \\ = -5x + 17 \end{aligned}$$

$$6x - (7x - 9) = -x + 9$$

Calcul mental

Calcul littéral :
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Entraînement 3

$x - 4x$	

$4x - 4 + 6x - 6$	

$x^2 + 2x + 3x^2 - x$	

	$5x + (3 - x)$

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

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

Prenez votre stylo vert

$x - 4x$	

$x - 4x = -3x$	

$$x - 4x = -3x$$

$$4x - 4 + 6x - 6$$

$$x - 4x = -3x$$

$$4x - 4 + 6x - 6 = 10x - 10$$

$$x - 4x = -3x$$

$$4x - 4 + 6x - 6 = 10x - 10$$

$$x^2 + 2x + 3x^2 - x$$

$$x - 4x = -3x$$

$$4x - 4 + 6x - 6 = 10x - 10$$

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

$$x - 4x = -3x$$

$$5x + (3 - x)$$

$$4x - 4 + 6x - 6 = 10x - 10$$

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

$$x - 4x = -3x$$

$$5x + (3 - x) = 4x + 3$$

$$4x - 4 + 6x - 6 = 10x - 10$$

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

$$x - 4x = -3x$$

$$5x + (3 - x) = 4x + 3$$

$$4x - 4 + 6x - 6 = 10x - 10$$

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

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

$$x - 4x = -3x$$

$$5x + (3 - x) = 4x + 3$$

$$4x - 4 + 6x - 6 = 10x - 10$$

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

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

$$x - 4x = -3x$$

$$5x + (3 - x) = 4x + 3$$

$$4x - 4 + 6x - 6 = 10x - 10$$

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

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

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

$$x - 4x = -3x$$

$$5x + (3 - x) = 4x + 3$$

$$4x - 4 + 6x - 6 = 10x - 10$$

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

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

$$-5x - (8x - 4) = 3x + 4$$

Calcul mental

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Entraînement 4

$x \times x$	

$5x^2 - 4x + 4x^2 + 5x$	

$x^2 + 2x + 1 - x + x^2 + 7$	

	$x + (-30x + 30)$

	$7x - (10x + 15)$

Prenez votre stylo vert

$x \times x$	

$x \times x = x^2$	

$x \times x = x^2$	
$5x^2 - 4x + 4x^2 + 5x$	

$$x \times x = x^2$$

$$5x^2 - 4x + 4x^2 + 5x \\ = 9x^2 + x$$

$$x \times x = x^2$$

$$5x^2 - 4x + 4x^2 + 5x \\ = 9x^2 + x$$

$$x^2 + 2x + 1 - x + x^2 + 7$$

$$x \times x = x^2$$

$$5x^2 - 4x + 4x^2 + 5x \\ = 9x^2 + x$$

$$x^2 + 2x + 1 - x + x^2 + 7 \\ = 2x^2 + x + 8$$

$$x \times x = x^2$$

$$x + (-30x + 30)$$

$$\begin{aligned} 5x^2 - 4x + 4x^2 + 5x \\ = 9x^2 + x \end{aligned}$$

$$\begin{aligned} x^2 + 2x + 1 - x + x^2 + 7 \\ = 2x^2 + x + 8 \end{aligned}$$

$$x \times x = x^2$$

$$\begin{aligned}x + (-30x + 30) \\ = -29x + 30\end{aligned}$$

$$\begin{aligned}5x^2 - 4x + 4x^2 + 5x \\ = 9x^2 + x\end{aligned}$$

$$\begin{aligned}x^2 + 2x + 1 - x + x^2 + 7 \\ = 2x^2 + x + 8\end{aligned}$$

$$x \times x = x^2$$

$$\begin{aligned}x + (-30x + 30) \\ = -29x + 30\end{aligned}$$

$$\begin{aligned}5x^2 - 4x + 4x^2 + 5x \\ = 9x^2 + x\end{aligned}$$

$$7x - (10x + 15)$$

$$\begin{aligned}x^2 + 2x + 1 - x + x^2 + 7 \\ = 2x^2 + x + 8\end{aligned}$$

$$x \times x = x^2$$

$$\begin{aligned}x + (-30x + 30) \\ = -29x + 30\end{aligned}$$

$$\begin{aligned}5x^2 - 4x + 4x^2 + 5x \\ = 9x^2 + x\end{aligned}$$

$$7x - (10x + 15) = -3x - 15$$

$$\begin{aligned}x^2 + 2x + 1 - x + x^2 + 7 \\ = 2x^2 + x + 8\end{aligned}$$

$x \times x = x^2$	$x + (-30x + 30)$ $= -29x + 30$
$5x^2 - 4x + 4x^2 + 5x$ $= 9x^2 + x$	$7x - (10x + 15) = -3x - 15$
$x^2 + 2x + 1 - x + x^2 + 7$ $= 2x^2 + x + 8$	$8x - (20x - 8)$

$x \times x = x^2$	$x + (-30x + 30)$ $= -29x + 30$
$5x^2 - 4x + 4x^2 + 5x$ $= 9x^2 + x$	$7x - (10x + 15) = -3x - 15$
$x^2 + 2x + 1 - x + x^2 + 7$ $= 2x^2 + x + 8$	$8x - (20x - 8) = -12x + 8$

$5x - 5 - 6x$	

$-2x + 9 - 3x + 8$	

$5x^2 - 4x + 4x^2 + 5x$	

$x^2 + 2x + 1 - x + x^2 + 7$	

	$5 - 5x + x$

	$2x + (x + 5)$

	$6x + (7x - 9)$

	$7x - (10x + 15)$

Posez votre stylo et faites passer les feuilles devant

$x + x$	

$$x + x = 2x$$

$$x + x = 2x$$

$$5x - 5 - 6x$$

$$x + x = 2x$$

$$5x - 5 - 6x = -x - 5$$

$$x + x = 2x$$

$$5x - 5 - 6x = -x - 5$$

$$-2x + 9 - 3x + 8$$

$$x + x = 2x$$

$$5x - 5 - 6x = -x - 5$$

$$\begin{aligned} -2x + 9 - 3x + 8 \\ = -5x + 17 \end{aligned}$$

$$x + x = 2x$$

$$5x - 5 - 6x = -x - 5$$

$$\begin{aligned} -2x + 9 - 3x + 8 \\ = -5x + 17 \end{aligned}$$

$$5x^2 - 4x + 4x^2 + 5x$$

$$x + x = 2x$$

$$5x - 5 - 6x = -x - 5$$

$$\begin{aligned} -2x + 9 - 3x + 8 \\ = -5x + 17 \end{aligned}$$

$$\begin{aligned} 5x^2 - 4x + 4x^2 + 5x \\ = 9x^2 + x \end{aligned}$$

$$x + x = 2x$$

$$5x - 5 - 6x = -x - 5$$

$$\begin{aligned} -2x + 9 - 3x + 8 \\ = -5x + 17 \end{aligned}$$

$$\begin{aligned} 5x^2 - 4x + 4x^2 + 5x \\ = 9x^2 + x \end{aligned}$$

$$x^2 + 2x + 1 - x + x^2 + 7$$

$$x + x = 2x$$

$$5x - 5 - 6x = -x - 5$$

$$\begin{aligned} -2x + 9 - 3x + 8 \\ = -5x + 17 \end{aligned}$$

$$\begin{aligned} 5x^2 - 4x + 4x^2 + 5x \\ = 9x^2 + x \end{aligned}$$

$$\begin{aligned} x^2 + 2x + 1 - x + x^2 + 7 \\ = 2x^2 + x + 8 \end{aligned}$$

$x + x = 2x$	$5 - 5x + x$
$5x - 5 - 6x = -x - 5$	
$-2x + 9 - 3x + 8$ $= -5x + 17$	
$5x^2 - 4x + 4x^2 + 5x$ $= 9x^2 + x$	
$x^2 + 2x + 1 - x + x^2 + 7$ $= 2x^2 + x + 8$	

$x + x = 2x$	$5 - 5x + x = -4x + 5$
$5x - 5 - 6x = -x - 5$	
$-2x + 9 - 3x + 8$ $= -5x + 17$	
$5x^2 - 4x + 4x^2 + 5x$ $= 9x^2 + x$	
$x^2 + 2x + 1 - x + x^2 + 7$ $= 2x^2 + x + 8$	

$x + x = 2x$	$5 - 5x + x = -4x + 5$
$5x - 5 - 6x = -x - 5$	$2x + (x + 5)$
$-2x + 9 - 3x + 8$ $= -5x + 17$	
$5x^2 - 4x + 4x^2 + 5x$ $= 9x^2 + x$	
$x^2 + 2x + 1 - x + x^2 + 7$ $= 2x^2 + x + 8$	

$x + x = 2x$	$5 - 5x + x = -4x + 5$
$5x - 5 - 6x = -x - 5$	$2x + (x + 5) = 3x + 5$
$-2x + 9 - 3x + 8$ $= -5x + 17$	
$5x^2 - 4x + 4x^2 + 5x$ $= 9x^2 + x$	
$x^2 + 2x + 1 - x + x^2 + 7$ $= 2x^2 + x + 8$	

$x + x = 2x$	$5 - 5x + x = -4x + 5$
$5x - 5 - 6x = -x - 5$	$2x + (x + 5) = 3x + 5$
$-2x + 9 - 3x + 8$ $= -5x + 17$	$6x + (7x - 9)$
$5x^2 - 4x + 4x^2 + 5x$ $= 9x^2 + x$	
$x^2 + 2x + 1 - x + x^2 + 7$ $= 2x^2 + x + 8$	

$x + x = 2x$	$5 - 5x + x = -4x + 5$
$5x - 5 - 6x = -x - 5$	$2x + (x + 5) = 3x + 5$
$-2x + 9 - 3x + 8$ $= -5x + 17$	$6x + (7x - 9) = 13x - 9$
$5x^2 - 4x + 4x^2 + 5x$ $= 9x^2 + x$	
$x^2 + 2x + 1 - x + x^2 + 7$ $= 2x^2 + x + 8$	

$x + x = 2x$	$5 - 5x + x = -4x + 5$
$5x - 5 - 6x = -x - 5$	$2x + (x + 5) = 3x + 5$
$-2x + 9 - 3x + 8$ $= -5x + 17$	$6x + (7x - 9) = 13x - 9$
$5x^2 - 4x + 4x^2 + 5x$ $= 9x^2 + x$	$7x - (10x + 15)$
$x^2 + 2x + 1 - x + x^2 + 7$ $= 2x^2 + x + 8$	

$x + x = 2x$	$5 - 5x + x = -4x + 5$
$5x - 5 - 6x = -x - 5$	$2x + (x + 5) = 3x + 5$
$-2x + 9 - 3x + 8$ $= -5x + 17$	$6x + (7x - 9) = 13x - 9$
$5x^2 - 4x + 4x^2 + 5x$ $= 9x^2 + x$	$7x - (10x + 15) = -3x - 15$
$x^2 + 2x + 1 - x + x^2 + 7$ $= 2x^2 + x + 8$	

$x + x = 2x$	$5 - 5x + x = -4x + 5$
$5x - 5 - 6x = -x - 5$	$2x + (x + 5) = 3x + 5$
$-2x + 9 - 3x + 8$ $= -5x + 17$	$6x + (7x - 9) = 13x - 9$
$5x^2 - 4x + 4x^2 + 5x$ $= 9x^2 + x$	$7x - (10x + 15) = -3x - 15$
$x^2 + 2x + 1 - x + x^2 + 7$ $= 2x^2 + x + 8$	$8x - (20x - 8)$

$x + x = 2x$	$5 - 5x + x = -4x + 5$
$5x - 5 - 6x = -x - 5$	$2x + (x + 5) = 3x + 5$
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$5x^2 - 4x + 4x^2 + 5x$ $= 9x^2 + x$	$7x - (10x + 15) = -3x - 15$
$x^2 + 2x + 1 - x + x^2 + 7$ $= 2x^2 + x + 8$	$8x - (20x - 8) = -12x + 8$

$x + x$	$5 - 5x + x$
$5x - 5 - 6x$	$2x + (x + 5)$
$-2x + 9 - 3x + 8$	$6x + (7x - 9)$
$5x^2 - 4x + 4x^2 + 5x$	$7x - (10x + 15)$
$x^2 + 2x + 1 - x + x^2 + 7$	$8x - (20x - 8)$