Panel 1 (top left):

$6x^2 + \underline{37}x + 6$

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

$-6a^2 - 25a - 25$

$-(6a^2 + 25a + 25)$

$-(3a+5)(2a+5)$

$6x^2 + 7x - 49$

$(3x-7)(2x+7)$

bigger

$6n^2 + 5n - 6$

Panel 2 (top right):

$\dfrac{6x^2 + 37x + 6}{}$

$x^2 + 37x + 36$

$\left(x + \dfrac{36}{6}\right)\left(x + \dfrac{1}{6}\right)$

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

Panel 3 (middle left):

$6x^2 + 37x + 6$

$\begin{array}{c} 1,6 \\ 2,3 \end{array} \qquad \begin{array}{c} 1,36 \\ 6,6 \end{array} \qquad \begin{array}{c} 1,6 \\ 2,3 \end{array}$

$\begin{array}{c} 4,9 \\ 6,6 \end{array}$

Panel 4 (middle right):

$6x^2 + 37x + 6$

$6x^2 + 36x + x + 6$

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

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

$6 \cdot 6 = \dfrac{36}{a \cdot c}$

$36 + 1 = 37$

$6 + 6 = 12$

$3 + 12 = 15$

Panel 5 (bottom left):

$6x^2 + 37x + 6$

$6x^2 + 36x + x + 6$

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

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

$6 \cdot 6 = \dfrac{36}{a \cdot c}$

$36 + 1 = 37$

$6 + 6 = 12$

$3 + 12 = 15$