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

3. $(7x-8)(7x+8)$

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

Correction.

1) $(x+5)^2 = (x+5) \times (x+5)$

$\quad = x \times x + x \times 5 + 5x + 5 \times 5$

$\quad = x^2 + 5x + 5x + 25$

$\quad = x^2 + 10x + 25$

Plus rapide, on idetfe $a=x$ et $b=5$ et on replac

$(x+5)^2 = x^2 + 2 \times x \times 5 + 5^2$

$\quad = x^2 + 10x + 25$

2) $(4x-8)^2 = (4x)^2 - 2 \times (4x) \times 8 + 8^2$

$\quad = 16x^2 - 64x + 64$

3) $(7x-8)(7x+8) = (7x)^2 - 8^2$

$\quad = 49x^2 - 64$

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

$\quad = 4 - 16x^2$