Identités remarquables

1) Développe puis réduis chaque expression

$A = (2 + 3x)^2$ $B = (4x - 1)^2$ $C = (7 + 2x)(7 - 2x)$

A = ...   B = ...   C = ...

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2) Développe puis réduis chaque expression

$A = (-4 - x)^2$ $B = (-5x + 9)(-5x - 9)$ $C = (-8x + 6)^2$

A = ...   B = ...   C = ...

A = ...   B = ...   C = ...

3) Factorise chaque expression

$A = x^2 - 2x + 1$ $B = x^2 + 6x + 9$ $C = 9 - 4x^2$

A = ...   B = ...   C = ...

A = ...   B = ...   C = ...

4) Factorise chaque expression

$A = 4x^2 - 20x + 25$ $B = 16x^2 + 56x + 49$ $C = (8 - x)^2 - 36$

A = ...   B = ...   C = ...

A = ...   B = ...   C = ...

5) Factorise chaque expression

$A = (x - 7)^2 - (4 + 3x)^2$ $B = (3x - 2)^2 - (3x - 2)$

A = ...   B = ...

A = ...   B = ...

A = ...   B = ...