$$(x-4)^2-9=$$

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$$=(x^2-2\cdot x\cdot 4+4^2)-9=$$

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$$=x^2-8x+16-9=$$

$$(x-4)^2-9=$$

$$=(x^2-2\cdot x\cdot 4+4^2)-9=$$

$$=x^2-8x+16-9=$$

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

$$(x-4)^2-9=$$

$$=(x^2-2\cdot x\cdot 4+4^2)-9=$$

$$=x^2-8x+16-9=$$

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

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

$$(x-4)^2-9=$$

$$=(x^2-2\cdot x\cdot 4+4^2)-9=$$

$$=x^2-8x+16-9=$$

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

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

$$=x^2-2\cdot x\cdot 4+\underbrace{(4^2-4^2)}_{0}+7$$

$$(x-4)^2-9=$$

$$=(x^2-2\cdot x\cdot 4+4^2)-9=$$

$$=x^2-8x+16-9=$$

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

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

$$=\underbrace{(x^2-2\cdot x\cdot 4+4^2)}_{0}-4^2+7=$$

$$=(x-4)^2-16+7=$$

$$(x-4)^2-9=$$

$$=(x^2-2\cdot x\cdot 4+4^2)-9=$$

$$=x^2-8x+16-9=$$

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

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$$\overbrace{}^{0}$$

$$=(x^2-2\cdot x\cdot 4+4^2)-4^2+7=$$

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$$=(x-4)^2-16+7=$$

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Praktický postup:

$$(x-4)^2-9=$$

$$=(x^2-2\cdot x\cdot 4+4^2)-9=$$

$$=x^2-8x+16-9=$$

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

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

$$=(x^2-2\cdot x\cdot 4+4^2)-4^2+7=$$

$$=(x-4)^2-16+7=$$

$$=(x-4)^2-9$$

0

Praktický postup:

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

$$(x-4)^2-9=$$

$$=(x^2-2\cdot x\cdot 4+4^2)-9=$$

$$=x^2-8x+16-9=$$

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

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

$$=(x^2-2\cdot x\cdot 4+4^2)-4^2+7=$$

$$=(x-4)^2-16+7=$$

$$=(x-4)^2-9$$

0

Praktický postup:

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

$-8:2=-4$

$4^2=16\rightarrow$ musím odečíst 16

$$=(x-4)^2-16+7=$$

$$(x-4)^2-9=$$

$$=(x^2-2\cdot x\cdot 4+4^2)-9=$$

$$=x^2-8x+16-9=$$

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

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

$$=(x^2-2\cdot x\cdot 4+4^2)-4^2+7=$$

$$=(x-4)^2-16+7=$$

$$=(x-4)^2-9$$

Praktický postup:

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

$4^2=16\rightarrow$ musím odečíst 16

$-8:2=-4$

$$=(x-4)^2-16+7=$$

$$=(x-4)^2-9$$