3ème B 20/05/2011

**IE**

**Identités remarquables**

**Développements et factorisations**

1. **Développer les expressions suivantes :**

$\left(-6a-2\right)^{2}=$*……………………………………………………………………………………………………………………….……*

$\left(\frac{3}{4}x-5\right)^{2}=$*………………………………………………………………………………………………………………………………*

$\left(7x-3\right)\left(7x+3\right)=$*……………………………………………………………………………………………………………….……..*

1. **Factoriser les expressions suivantes :**

$(5x+6)^{2}-(8-9x)^{2}=$……………….............................................................................................................................

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$50x^{2}-60x+18=$………………………………………………………………………………………………...............

$320-405x^{2}=$……………………………………………………………………………………………………………..

$4x^{2}-9+\left(2x+3\right)\left(6x-7\right)=$……………………………………………………………………………………………

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