3ème A 20/05/2011

Nom : ……………………………..

**IE Sujet 2**

**Identités remarquables**

**Développements et factorisations**

1. **Développer les expressions suivantes :**

$\left(5a-7\right)^{2}=$*……………………………………………………………………………………………………………………….……*

$\left(-\frac{3}{5}x-10\right)^{2}=$*………………………………………………………………………………………………………………………………*

$\left(5x-3\right)\left(5x+3\right)=$*……………………………………………………………………………………………………………….……..*

1. **Factoriser les expressions suivantes :**

$(x-1)^{2}-(7-5x)^{2}=$……………….............................................................................................................................

...............................................................................................................................................................................................

$50x^{2}-40x+8=$………………………………………………………………………………………………...............

$44-99x^{2}=$……………………………………………………………………………………………………………..

$4x^{2}-36+\left(4x+6\right)\left(3x-9\right)=$……………………………………………………………………………………………

……………………………………………………………………………………………………………………………...