

**TEST DE MATHÉMATIQUES N°1**

➤ Développer les expressions suivantes :

$A = (7x^2 + 1)^2$

A = .....

A = .....

$B = (6x - 7y)(6x + 7y)$

B = .....

B = .....

$C = (2\sqrt{3} - 5)^2$

C = .....

C = .....

C = .....

$D = (3x + 4)^2 - (2x - 5)^2$

D = .....

D = .....

D = .....

D = .....

➤ Factoriser les expressions suivantes :

$E = 16x^2 + 56x + 49$

E = .....

E = .....

$F = 2x^2 - y^2$

F = .....

F = .....

$G = x^2 - 3x + \frac{9}{4}$

G = .....

G = .....

G = .....

$H = (3x + 4)^2 - (2x - 5)^2$

H = .....

H = .....

H = .....

H = .....

**TEST DE MATHÉMATIQUES N°1**

➤ Développer les expressions suivantes :

$A = (5x^2 + 1)^2$

A = .....

A = .....

$B = (9x - 8y)(9x + 8y)$

B = .....

B = .....

$C = (3\sqrt{2} - 7)^2$

C = .....

C = .....

C = .....

$D = (5x + 2)^2 - (4x - 3)^2$

D = .....

D = .....

D = .....

D = .....

➤ Factoriser les expressions suivantes :

$E = 16x^2 + 56x + 49$

E = .....

E = .....

$F = x^2 - 2y^2$

F = .....

F = .....

$G = x^2 - 5x + \frac{25}{4}$

G = .....

G = .....

G = .....

$H = (5x + 2)^2 - (4x - 3)^2$

H = .....

H = .....

H = .....

H = .....