

57 1. $A(x) = x^2 + x - 12$. 2. $A(x) = (x-3)(x+4)$.
 3. a. $x = 3$ ou $x = -4$. b. $A(1) = -10$.

58 1. $A(x) = 3x^2 - 10x + 7$. 2. $A(x) = (x-1)(3x-7)$.
 3. a. $x = 1$ ou $x = \frac{7}{3}$. b. $A\left(\frac{3}{2}\right) = -\frac{5}{4}$.

59 1. $A(x) = 12x^2 + 4x$.
 2. $4x(3x+1)$.
 3. a. $A\left(-\frac{1}{3}\right) = A(0) = 0$ et $A(\sqrt{3}) = 36 + 4\sqrt{3}$.
 b. $x = -\frac{1}{3}$ ou $x = 0$.

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