These three questions were taken directly from the UML Business Math Placement Test.

Simplify the expression: \((5x + 3)(2x + 1) - x^2 - 7\)

- \(10x^2 - 2\)
- \(9x^2 + 11x - 4\)
- \(9x^2 + 11x + 10\)
- \(9x^2 - 4x - 11\)

Find the answer: \(\left(\frac{5x}{3}\right)^2 = \)

- \(\frac{25x^2}{3}\)
- \(\frac{25x^2}{9}\)
- \(\frac{5x^2}{3}\)
- \(4x^2\)

What is the value of \(2x^2 + 3x - 4\) when \(x = -1\)

- \(-7\)
- \(-5\)
- \(-3\)
- \(1\)