The equation of a curve is $y = 4x + 8x + 1$.
The curve is stretched parallel to the <i>x</i> -axis with scale factor 2.

The equation of a curve is $y = 4x^2 + 8x + 1$

and c are integers to be determined.

Find the equation of the new curve, giving your answer in the form $y = ax^2 + bx + c$, where a, b