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Chris claims that, “for any given value of  $x$ , the gradient of the curve  $y = 2x^3 + 6x^2 - 12x + 3$  is always greater than the gradient of the curve  $y = 1 + 60x - 6x^2$ ” .

Show that Chris is wrong by finding all the values of  $x$  for which his claim is **not** true.

**[7 marks]**