blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah

$$f(x) = a \tag{1}$$

$$g(x) = x^2 - 4x \tag{2}$$

blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah

$$f(x) - g(x) = x^2 + x^3 + x \tag{3}$$

blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah

$$g(x) = x^2 + x^3 + x^4 + x^5 + b \tag{4}$$

blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah blah