1. Factor completely: $6x^3 - 5x^2y - 24xy^2 + 20y^3$

2. The functions $f$ and $g$ are defined by $f(x) = x^2$ and $g(x) = 2x$, respectively.
   Which equation is equivalent to $h(x) = \frac{f(2x)g(-2x)}{2}$?
   
   A. $h(x) = -2x^3$
   B. $h(x) = -8x^3$
   C. $h(x) = x^2 - 2x$
   D. $h(x) = 2x^2 + 2x$