Evaluate the following expressions, simplifying as completely as possible.

1. $5 - 2(20 + (5 - 6^2))$

2. $2y^2 - y + x^{-1}$ when $y = -3$ and $x = -1$

3. $2x^{-2}(y + 1)$ when $x = 3$ and $y = -4$

4. $\dfrac{|-3^2 + 2|}{1 - 3 \cdot 4}$