Answer the questions in the spaces provided. Show all of your work and circle the answer you would like to have graded for each question.

Name and section: 

1. Evaluate the expression \( \frac{|x^2 - 3x - 1|}{x + 2} \) for \( x = 1 \).

2. Simplify \( \sqrt{32x^3y} \).

3. Factor \( 100 - 4y^2 \).