

Name _____ DATE _____ HR _____

Evaluating Expressions with graphing calculators

Use a graphing calculator. Evaluate each expression for the given values of the variables.

1. $x^2 - 4x + 8$

a. $x = 2$

b. $x = -5$

c. $x = 3.2$

2. $x^4 + x$

a. $x = -5$

b. $x = 3$

c. $x = 2.5$

3. $-4x^2 + 3x - 30$

a. $x = -12$

b. $x = -2$

c. $x = 1.5$

4. $-2x^2 + 3xy - 4y^2$

a. $x = 3, y = 4$

b. $x = -2, y = -3$

c. $x = 2.5, y = -1$

