**Name: Period: Job 27 Factoring (**

**Part 1: Textbook**

Textbook Lesson 7-5 Page 292: 22, 24, 26, 28, 34

Textbook Lesson 7-6 Page 299: 23, 24

**Part 2: Algebra Regents Questions –**

1. Four expressions are shown below.

I

II

III

IV

The expression is equivalent to

(1) I and II, only (3) I, II, and IV

(2) II and IV, only (4) II, III, and IV

1. Factor the expression
2. A store sells self-serv frozen yogurt sundaes. The function represents the cost, in dollars, of a sundae weighing *w* ounces. An appropriate domain for the fuction would be

(1) integers (3) nonnegative integers

(2) rational numbers (4) nonnegative rational numbers

1. Express as the product of to binomial factors
2. What is the *minimum* value of the function .

(1) -2 (3) 3

(2) 2 (4) -3

1. If is a factor of , then the other factor is

(1) (3)

(2) (4)

1. Written in factored form, the trinomial is equivalent to

(1) (3)

(2) (4)

1. Which expression s eqivalent to is equivalent to

(1) (3)

(2) (4)

1. Graph the following function on the set of axes below.

