**Algebra 1A #1**

Give the definition of a rational number and give an example.

Give the definition of an irrational number and give an example.

**Algebra 1A #2**

Subtract the polynomials

**Algebra 1A #3**

Factor the polynomial.

**Algebra 1A #4**

Multiply the following polynomials.

**Algebra 1A #5**

A woman goes to the store to shop for clothes. She buys s shirts, p pants, and a accessories. What does the following expression respresent?

1. The total number of items purchased.
2. The cost of each item.
3. The total cost of all items purchased.
4. The average cost of all items purchased.

**Algebra 1A #6**

Which of the following is true about x?