1) What is the degree of ?

2)

**Add or Subtract. Write the polynomial in standard form. Identify the leading coefficient, degree, and number of terms. Name the polynomial**

Standard Form: Standard Form:

Leading Coefficient: Leading Coefficient:

Degree: Degree:

Number of Terms: Number of Terms:

Name: Name:

**Multiply the following polynomials.**

7) 8)

**Expand the expressions.**

A trick coin is designed to land heads up with a probability of 80%. You flip the coin 7 times. What is the probability of getting 6 or 7 heads?

A 20 question test is given in your English class. The test only contains true/false questions. What is the probability that you get exactly 16 questions correct?

7 out of every 10 students at Buford High School hoped to have a snow day today. Suppose you survey the students in your math class (16 students). What is the probability that at least 4 of these wanted a snow day?

Factor completely.

14)  15) 

16)  17) 

18)  19)

Divide using the method of your choice.

20)  21) 

22) 23)