Module 1 – Special Products and Factoring

Lesson 2 – Factoring

Homework 2

Name

Find all solutions for each section. Show all work.

Factor the following by getting the greatest common factor (GCF).

|  |  |
| --- | --- |
| 1. | 2. |
| 3. | 4. |
| 5. |  |

Factor the following difference of two squares.

|  |  |
| --- | --- |
| 1. | 2. |
| 3. | 4. |
| 5. |  |

Factor the following perfect square trinomial

|  |  |
| --- | --- |
| 1. | 2. |
| 3. | 4. |
| 5. |  |

Factor each quadratic trinomial. Check your answer by getting the product of the factors.

|  |  |
| --- | --- |
| 1. | 2. |
| 3. | 4. |
| 5. |  |

Factor the following cube of a binomial

|  |  |
| --- | --- |
| 1. | 2. |
| 3. | 4. |
| 5. |  |

Factor the following polynomials completely

|  |  |
| --- | --- |
| 1. | 2. |
| 3. | 4. |
| 5. |  |