# Pre-Calculus Honors Factoring & Fractions Practice Worksheet

The use of a calculator is prohibited. To receive full credit, all work must be done on notebook paper.

***Factor each problem below completely.***

### A. Remove the greatest common factor. B. Difference of Two Squares

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

C. Greatest Common Factor/Difference of Squares D. Sum or Difference of Two Cubes

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

E. Grouping F. Trinomials

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

G. Mixed Types

|  |
| --- |
| 1. |
| 2. |
| 3. |
| 4. |
| 5. |
| 6. |

***Perform the indicated operation. All answers in lowest terms. No mixed numbers!!***

1.  2.  3.  4.  5.  6. 

7. 8. 9.  10. 