# 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. 