

- i. Show all relevant work. No work, no credit.
- ii. Write your answers in the spaces provided on the right.
- iii. Staple when you turn in the assignment.
- iv. Due Wednesday, September 10 at the beginning of the class.

Factor completely. If the polynomial is prime, state this.

1) $-30a^2 - 5a + 75$

1) _____

2) $45x^3 - 30x^2 - 40x$

2) _____

3) $9x^2 - 39x - 30$

3) _____

4) $2x^3 + 5x^2 - 3x$

4) _____

5) $25x^4 + 5x^3 - 6x^2$

5) _____