

**CORNELL NOTES**



TOPIC/OBJECTIVE:

NAME:

CLASS/PERIOD:

DATE:

ESSENTIAL QUESTION:

QUESTIONS:

NOTES:

SUMMARY:

## TOPIC # 3 – 4: Factoring with Greatest Common Factor

Factor.

1.  $15m^2 - 9 =$

2.  $5x^2 + 10x =$

3.  $4x^5 - 6x^3 + 14x =$

4.  $-8a^2bc^2 - 12ab^2c^2 =$

5.  $3x^4 - 9x^3y + 6x^2y^2 =$

NAME \_\_\_\_\_ DATE \_\_\_\_\_ PERIOD \_\_\_\_\_

## Factoring with Greatest Common Factor

Factor.

1.  $15a - 25b + 20$

2.  $18x - 12y + 36$

3.  $6x^2 + 10x$

4.  $14c^3 - 21c$

5.  $6p^2q - 9pq$

6.  $2a^2b^2 + 10ab$

7.  $7y^3 - 21y^2 - 14y$

8.  $22y^4 - 33y^3 + 11y^2$

9.  $6ab^2 - 8a^2b$

10.  $4x^2y - 16xy^2$

11.  $-15x^2y^2 - 6xy^2$

12.  $-16x^3y - 24x^4y^3$

13.  $5ax^2 + 10a^2x - 15a^3$

14.  $14p^3q^3 - 21p^2q^2 + 35pq$

15.  $48a^3b^2 + 72a^2b^3$

16.  $77r^7s^7 - 84r^8s^4$