CORNELL NOTES

TOPIC/OBJECTIVE:

NAME:

CLASS/PERIOD:

DATE:

ESSENTIAL QUESTION:

QUESTIONS:	NOTES:

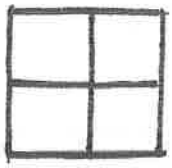
SUMMARY:

Name_____ Date_____ Period _____

Multiplying Polynomials Notes

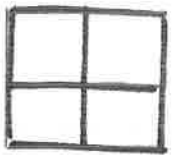
Multiply.

1. $(x + 3)(x + 4)$

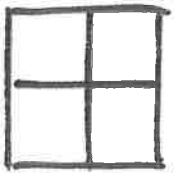


2. $(x - 6)(x + 5)$

3. $(2x + 3)(x + 8)$



4. $(x + 2)(x - 5)$



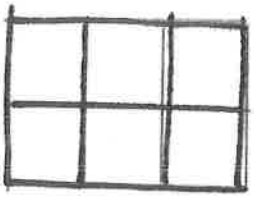
5. $(3x - 1)(2x - 7)$

6. $(-5x + 3)(-x - 4)$

7. $(x - 2)(x + 2)$

8. $(x + 4)^2$

9. $(x + 2)(x^2 - 5x + 6)$



Solve.

10. Find the area of a rectangle with a length of $(x + 2)$ feet and a width of $(x + 10)$ feet.

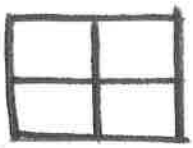
11. Veronica studied $(2x - 3)$ minutes on each of $(x - 1)$ days. Find the total number of minutes Veronica studied.

Name_____ Date_____ Period _____

Multiplying Polynomials Assignment

Multiply.

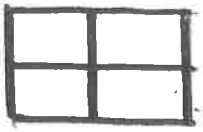
1. $(x - 3)(x - 7)$



2. $(5x - 3)(2x + 1)$

3. $(x + 6)(x - 6)$

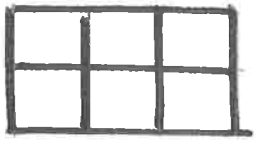
4. $(x + 5)^2$



5. $(6 - x)(6 + x)$

6. $(3x + 9)^2$

7. $(x + 4)(x^2 - 2x - 4)$



8. $(2x - 1)(x + 1)$

9. $(3x + 2)(3x - 2)$

Solve.

10. Find the area of a rectangle with a length of $(2x - 1)$ cm and a width of $(x + 8)$ cm.

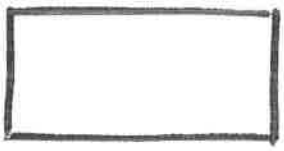
11. Tammie bought $(3x + 5)$ bottles of nail polish at $\$(x - 9)$ each. Find the amount of money Tammie spent.

12. Steven earns $\$(5x + 12)$ for every hour he works. Find the amount he is paid if he works $(2x^2 - 3x - 1)$ hours.

13. The length of a square rug is $(4x - 3)$ feet. Find the area of the rug.

14. Richard worked in the yard for $(3x + 2)$ hours everyday for $(3x + 5)$ days. Find the total number of hours he worked in the yard.

15. The length of a rectangular room is 4 more than three times the width. Find the perimeter and area of the room.



16. The length of a rectangular field is 8 less than twice the width. Find the perimeter and area of the field.