Warm Up

Factor.

1. $6b^2 - 13b - 5$

2. $8n^2 - 50$

3. $x^3 + 64$

Test Tomorrow

- 35 Questions
- You will have the entire block
- Bring something to work on when you're finished

Objective: Today we will review all Unit 0 topics to prepare for tomorrow's test.

Agenda:

- Warm-Up/Factoring review
- Bingo
- Independent review time/Questions

Bingo

1.

$p(x) = -x^2 + 4x$; Find $p(-8)$

2. Simplify the expression

$$(8n - 7 + 4n^2) - (2n + 8n^2 - 9)$$

3. Simplify the expression

$$(x-6)(2x+1)$$

4. Solve

$$-7x + y = 6$$

$$-x + 3y = -22$$

5. Solve

$$-3(-5r+5)+2r \geq 70$$

6. Write the equation of the line through: $(0, -4)$ and $(-4, 3)$

7. Solve

$$\left|4 - 8x\right| + 9 = 13$$

8. Solve

$$\frac{3}{2}\left(\frac{4}{3}v+2\right)=\frac{14}{3}$$

9.

ach improved their yards by planting rose bushes and shrubs. The
same store. Brenda spent $78 on 11 rose bushes and 7 shrubs. Ma
4 shrubs. What is the cost of one rose bush and the cost of one shr

10. Simplify

$$(4n-1)(n^2-8n+3)$$

11. Solve

$$13 + 5x = -7(-x - 3) - x$$

12. Solve

$$4\left|2x+6\right| > 56$$

13.

Write the the equation of the line:
Perpendicular to the line through (4,3
(7,5) and passing through the point (6

14. Simplify

$$(7x - 8xy)(2xy - 5y)$$

15. Factor

$$21x^3 - 9x^2 - 49x + 21$$

16. Simplify

$$\frac{2u^3v^2 \cdot 2u^2}{\left(2u^4\right)^2}$$

17. Simplify

$$\frac{p^3 q^2 r^{-4} \cdot 2p^2 q^2 r^4}{2p^0 q^{-4} r^3}$$

18.

19.

20.

21.

22.

23.

24.