

Section 10.3 Worksheet

Name: _____

Find the product.

1. $(x - 9)^2$

2. $(5s + 2)^2$

3. $(4p - 5)^2$

4. $(10z - 3)^2$

5. $(2x + 1)^2$

6. $(3y - 5)^2$

7. $(a - 9)(a + 9)$

8. $(5r + 1)(5r - 1)$

9. $(4x + 3)(4x - 3)$

10. $(3 + 2x)(3 - 2x)$

REVIEW:

Find the sum or difference.

11. $(8x^3 + 7x^2 + 2x - 7) - (7x^2 - x - 6)$

12. $(2x^3 - x + 15) + (3x^3 - x - 9)$

Find the product.

13. $(-x - 7)(3x - 5)$

14. $8x(2x - 10)$

Graph the inequality.

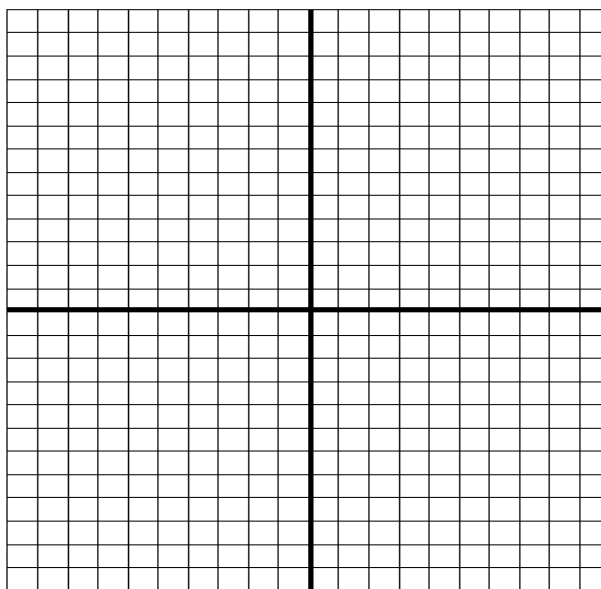
15. $y < -x^2 + 4x + 2$

Opens _____

Y-intercept: _____

Axis of symmetry: _____

Vertex: _____



x					
y					