

Unit Quadratics Review

Solve the quadratic by factoring.	
1. $x^2 + 4x + 4 = 0$	2. $x^2 - 7x + 10 = 0$
3. $x^2 + 7x - 8 = 0$	4. $x^2 - 6x = 0$
5. $x^2 + 2x - 35 = 0$	6. $x^2 + 6x + 5 = 0$
7. $x^2 - 9 = 0$	8. $x^2 - 13x - 48 = 0$
9. $x^2 - 4 = 0$	10. $4x^2 + x = 0$
Solve the quadratic by squaring.	
11. $x^2 + 2 = 38$	12. $x^2 - 13 = 87$
13. $2x^2 = 32$	14. $\frac{x^2}{3} = 27$

15. $(x + 1)^2 = 100$

16. $2(x + 5)^2 = 98$

Solve the Quadratic using any method.

17. $2x^2 - 5x - 12 = 0$

18. $x^2 - 4x + 7 = 0$

19. $x^2 + 15x + 50 = 0$

20. $x^2 - 7x + 10 = 0$

21. $3x^2 + 2x = 0$

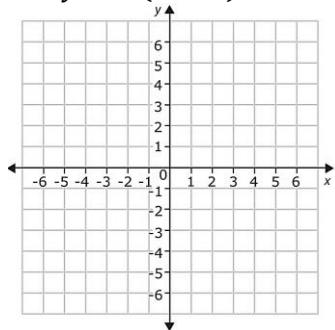
22. $4x^2 - 1 = 0$

23. $x^2 - 6x - 7 = 0$

24. $2x^2 - 7x = 15$

Graphing the following.

25. $y = 2(x + 3)^2 - 4$



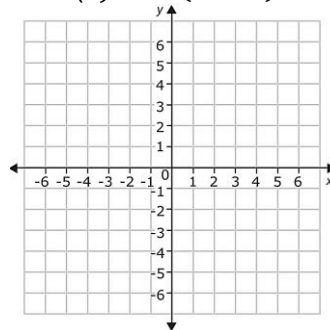
Vertex:

Axis of Symmetry:

Domain:

Range:

26. $f(x) = -(x - 4)^2 + 5$



Vertex:

Axis of Symmetry:

Domain:

Range:

