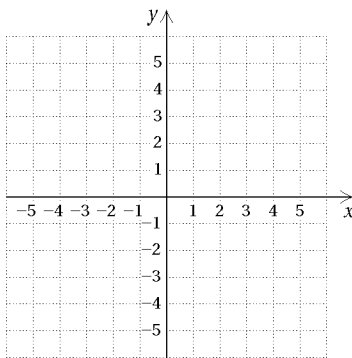


EXTRA PRACTICE 46
Graphs of Quadratic Functions
Use after Sections 11.5 and 11.6

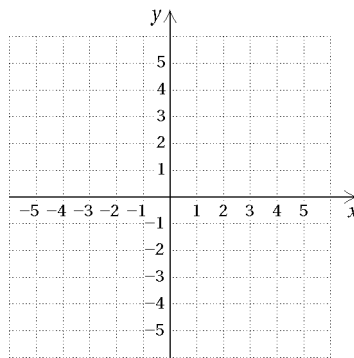
Name _____

See Sections 7.5 and 7.6 for examples.

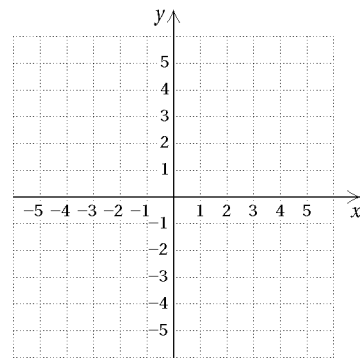
1. $f(x) = 3x^2$



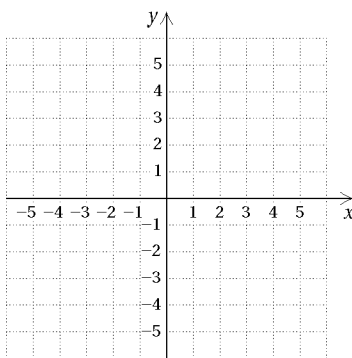
2. $f(x) = (x-1)^2$



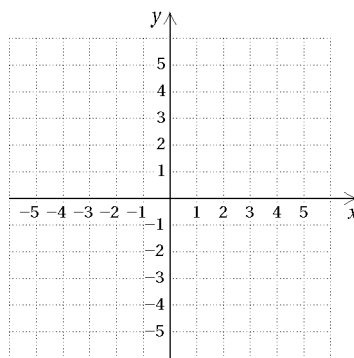
3. $f(x) = (x-2)^2 + 3$



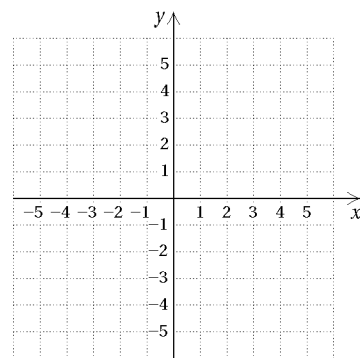
4. $f(x) = 2(x-3)^2 + 1$



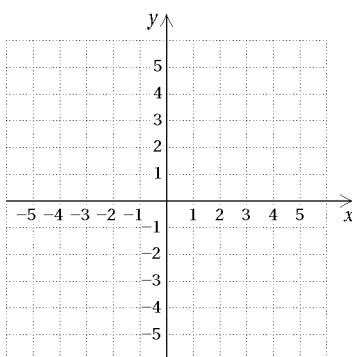
5. $f(x) = x^2 - 6x + 7$



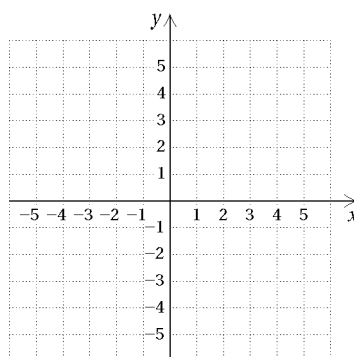
6. $f(x) = -4x^2$



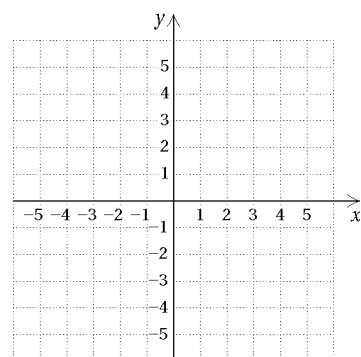
7. $f(x) = x^2 + 4x + 2$



8. $f(x) = 3(x-1)^2$

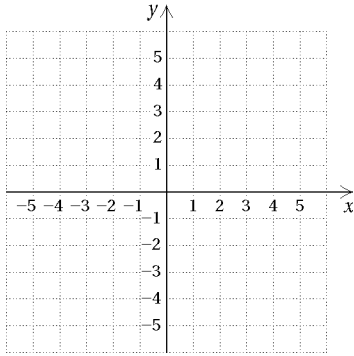


9. $f(x) = -2x^2 - 20x - 47$

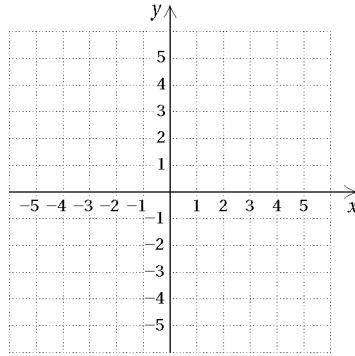


EXTRA PRACTICE 46 (continued)
Graphs of Quadratic Functions
 Use after Sections 11.5 and 11.6

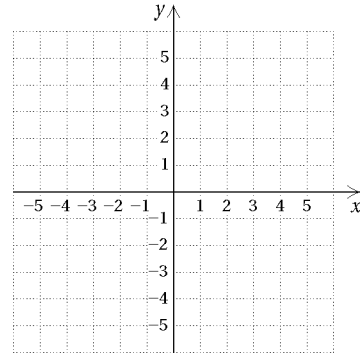
10. $f(x) = (x + 3)^2$



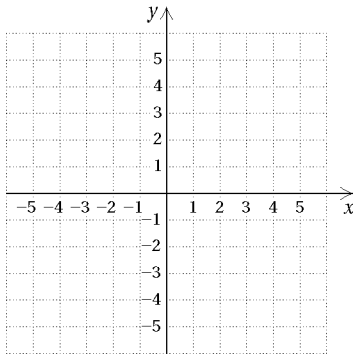
11. $f(x) = -\frac{1}{2}x^2$



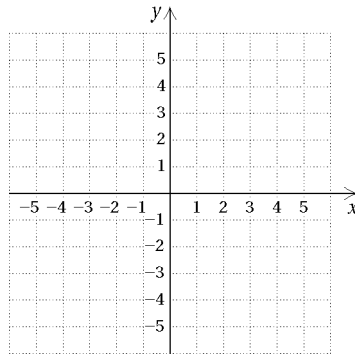
12. $f(x) = (x - 1)^2 - 2$



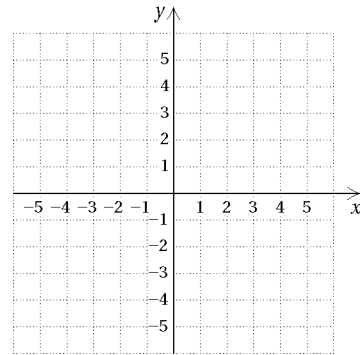
13. $f(x) = 2x^2 - 16x + 29$



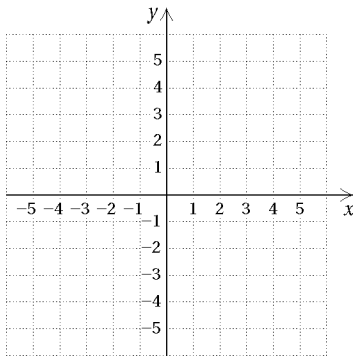
14. $f(x) = 2(x - 1)^2$



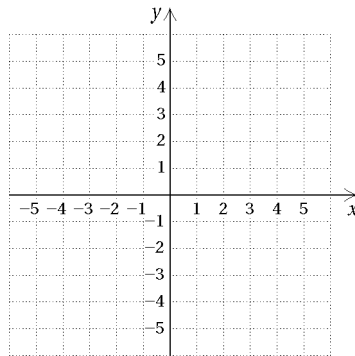
15. $f(x) = (x - 3)^2$



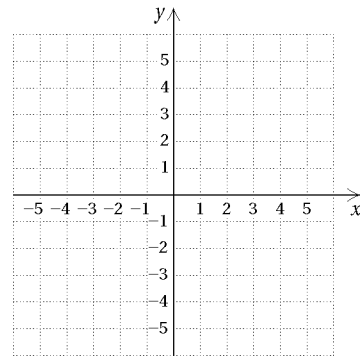
16. $f(x) = 15x^2$



17. $f(x) = -2(x + 3)^2 + 4$



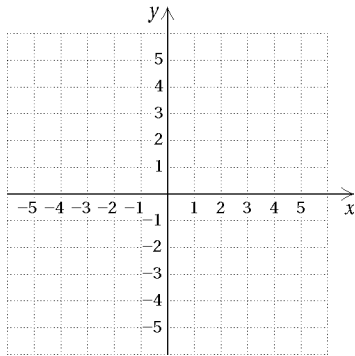
18. $f(x) = x^2 - 2x + 3$



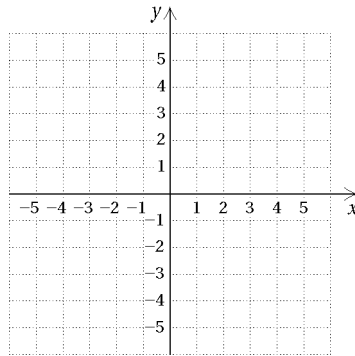
EXTRA PRACTICE 46 (continued)
Graphs of Quadratic Functions
 Use after Sections 11.5 and 11.6

Name _____

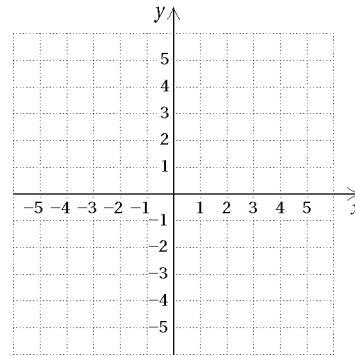
19. $f(x) = (x + 1)^2$



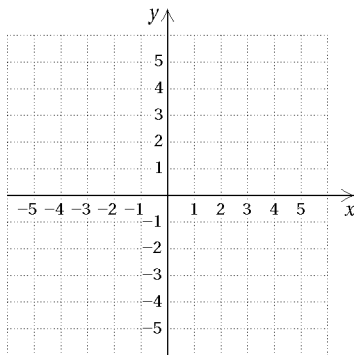
20. $f(x) = (x + 2)^2 - 3$



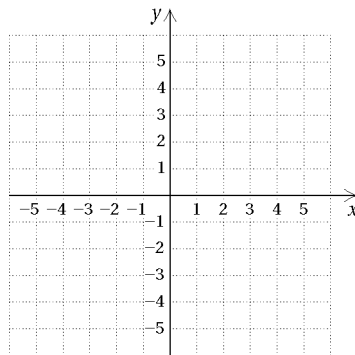
21. $f(x) = -4x^2 + 24x - 35$



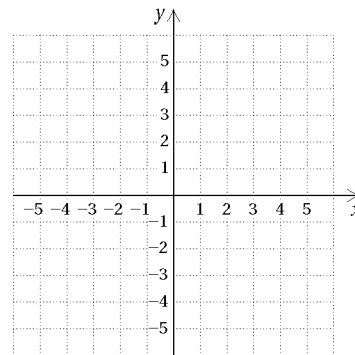
22. $f(x) = -\frac{1}{2}(x + 1)^2 + 4$



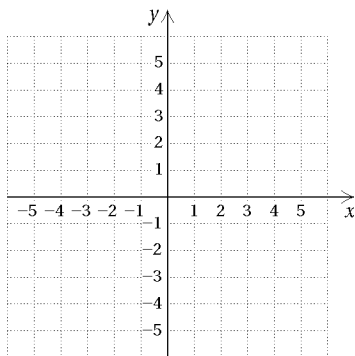
23. $f(x) = -2(x - 1)^2$



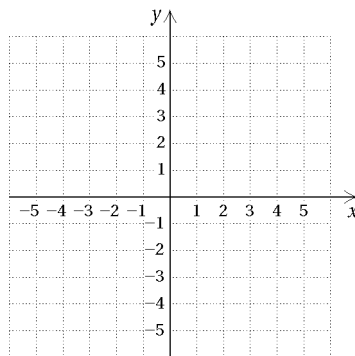
24. $f(x) = -4x^2$



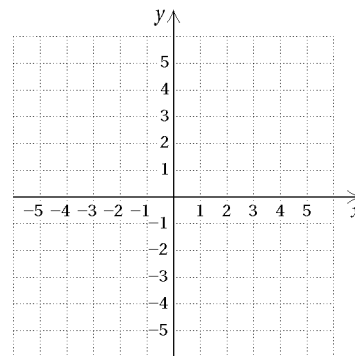
25. $f(x) = x^2 + 6x + 7$



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

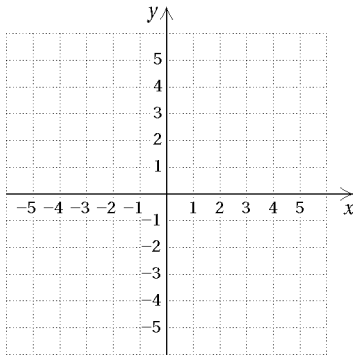


27. $f(x) = 4x^2 - 4x + 1$

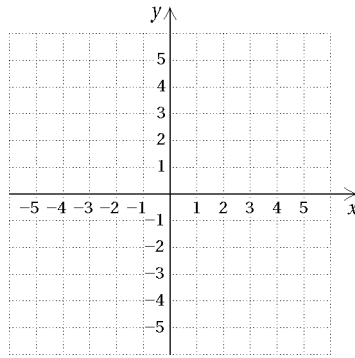


EXTRA PRACTICE 46 (continued)
Graphs of Quadratic Functions
 Use after Sections 11.5 and 11.6

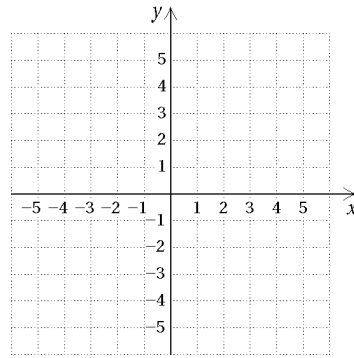
28. $f(x) = \frac{1}{3}(x+3)^2$



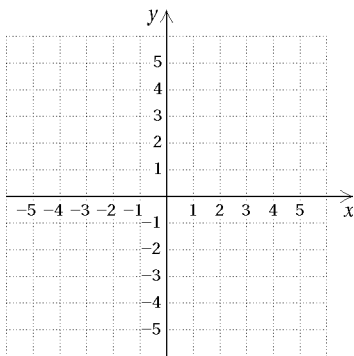
29. $f(x) = -x^2 - 4x - 9$



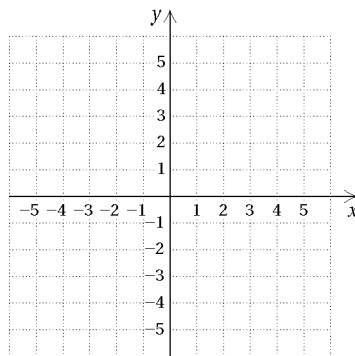
30. $f(x) = 2x^2 - 4x - 3$



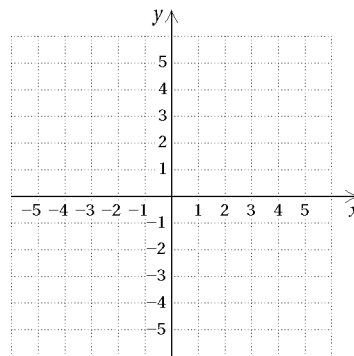
31. $f(x) = (x+2)^2 - 1$



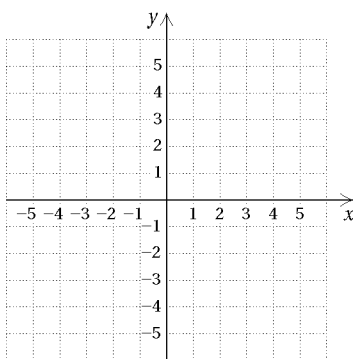
32. $f(x) = -4(x-1)^2 + 1$



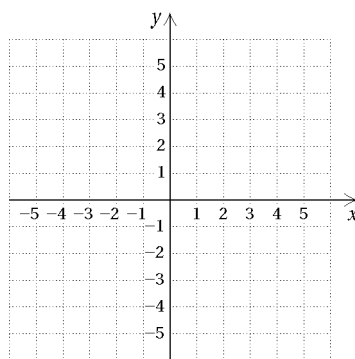
33. $f(x) = \frac{1}{4}(x-4)^2$



34. $f(x) = -\frac{1}{2}(x+2)^2$



35. $f(x) = x^2 - x + 1$



36. $f(x) = -3x^2 - 6x - 1$

