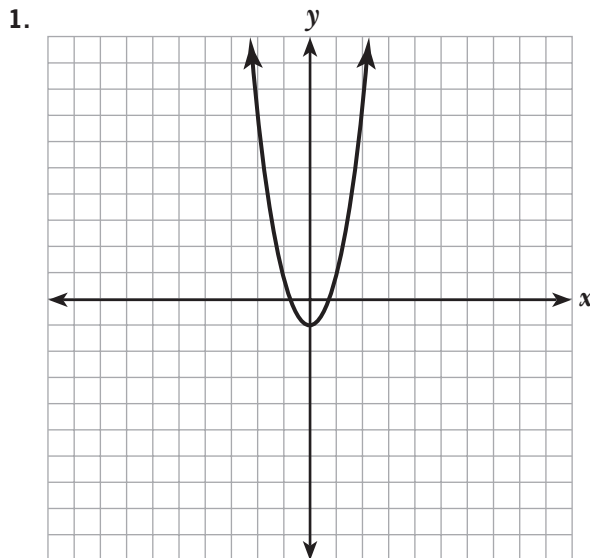


NAME _____

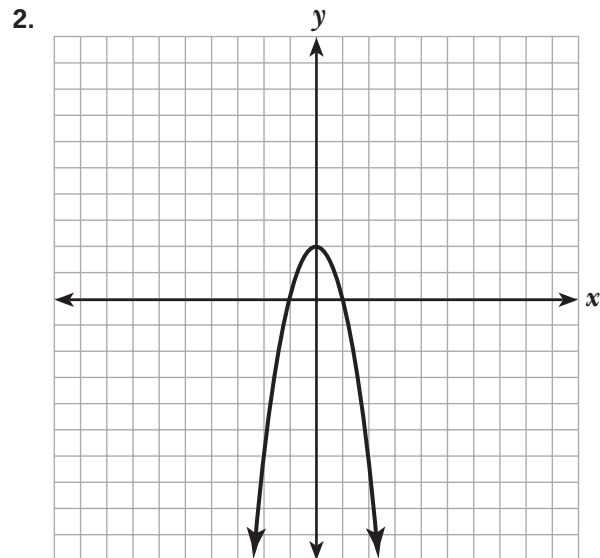
Module 14 Graphing Quadratic Relations
Lesson 2 Graphing Quadratic Relations by Analysis

**additional
practice**

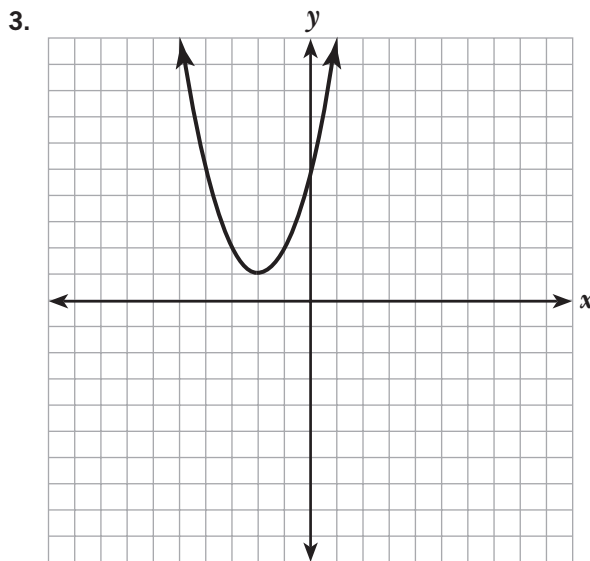
Choose the correct equation for each graph.



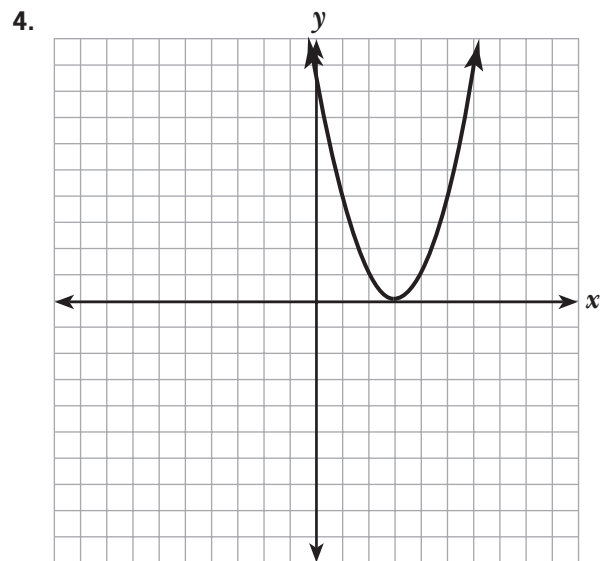
- a. $y = 2x^2 + 1$ c. $y = -2x^2 + 1$
b. $y = 2x^2 - 1$ d. $y = -2x^2 - 1$



- a. $y = x^2 - 1$ c. $y = -2x^2 + 2$
b. $y = 2x^2 - 3$ d. $y = -x^2 + 2$



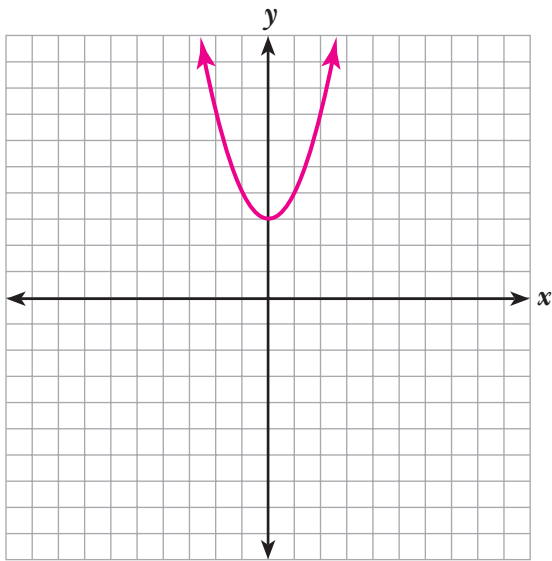
- a. $y = (x - 1)^2 + 1$ c. $y = (x - 2)^2 + 2$
b. $y = (x + 1)^2 + 1$ d. $y = (x + 2)^2 + 1$



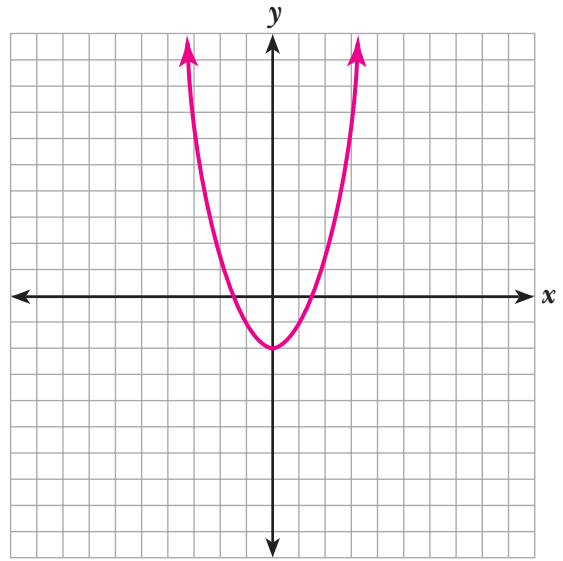
- a. $y = x^2 - 6x + 9$ c. $y = x^2 + 4x + 5$
b. $y = -x^2 + 6x + 9$ d. $y = -x^2 + 4x + 5$

Graph.

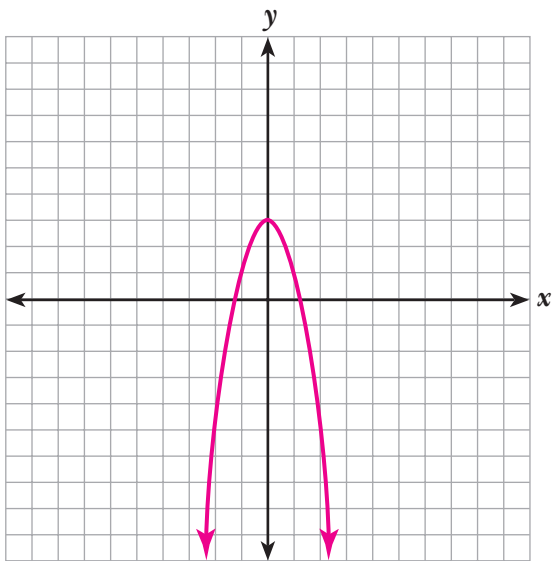
5. $y = x^2 + 3$



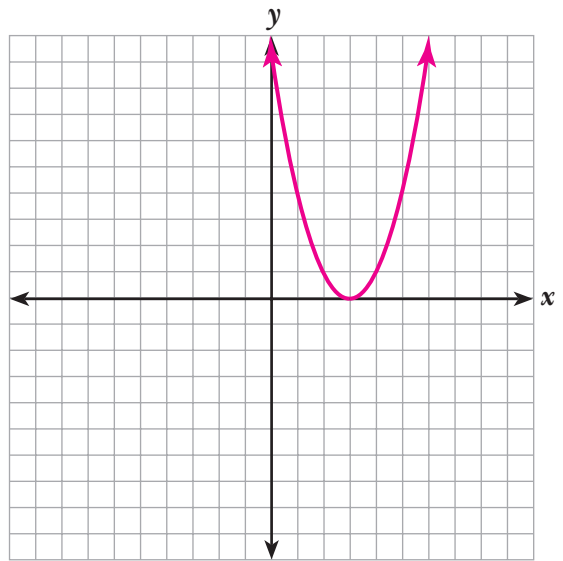
6. $y = x^2 - 2$



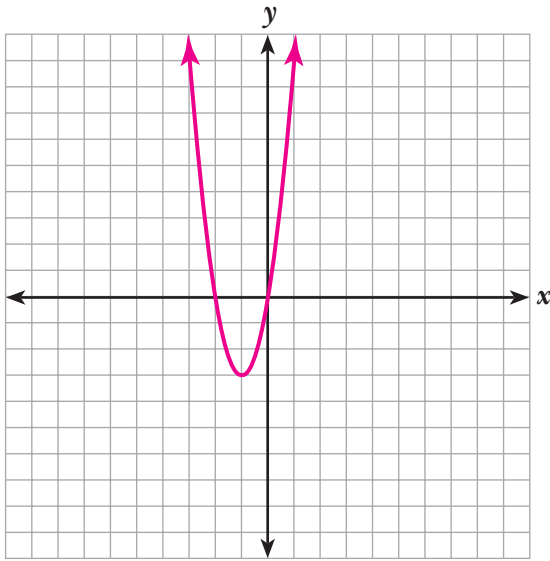
7. $y = -2x^2 + 3$



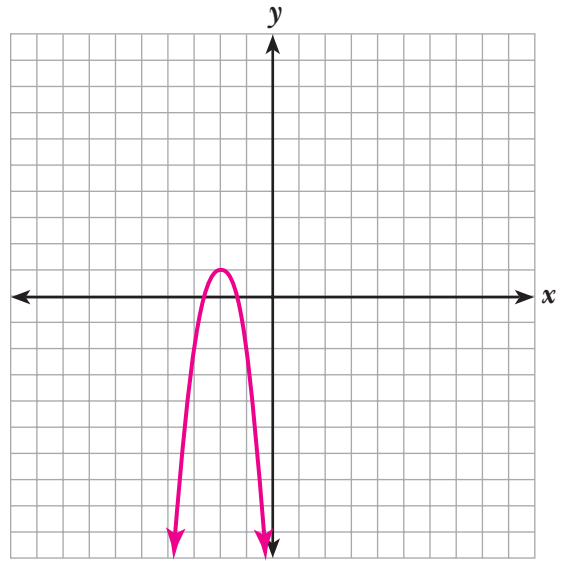
8. $y = (x - 3)^2$



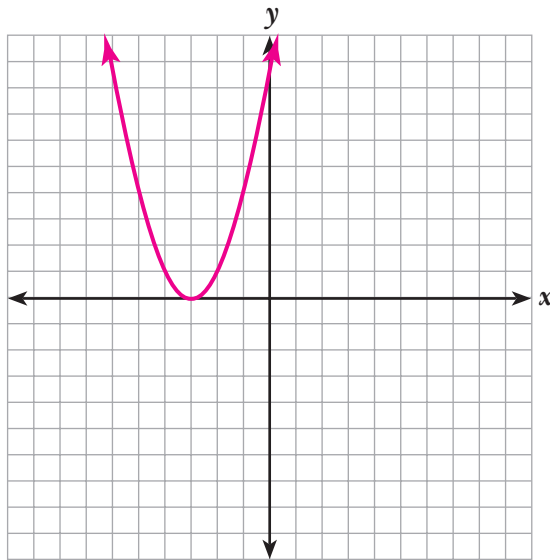
9. $y = 3(x + 1)^2 - 3$



10. $y = -3(x + 2)^2 + 1$



11. $y = x^2 + 6x + 9$



12. $y = x^2 + 4x + 5$

