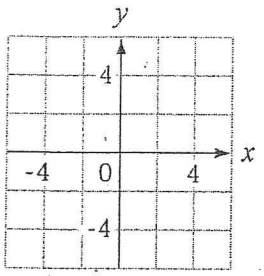
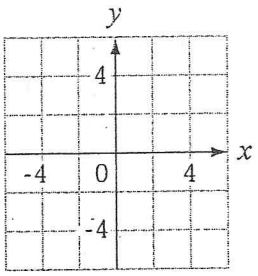
Name Score

Graph.

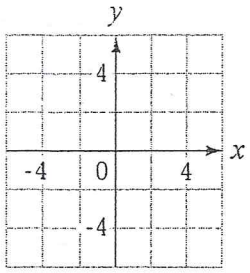
1. $y = 2x - 1$



4. $y = \frac{4}{3}x$



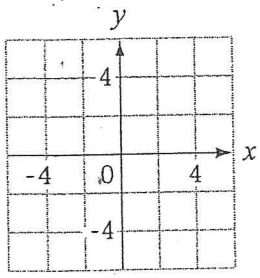
5. $y = -\frac{1}{3}x + 2$



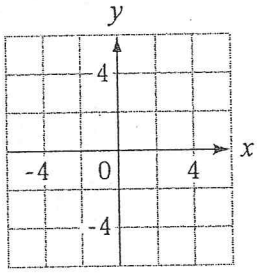
Additional Objective 3.3.2 Exercises

Graph.

1. $3x - 2y = 6$

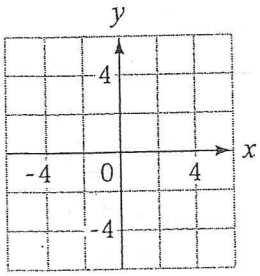


2. $y = 2$

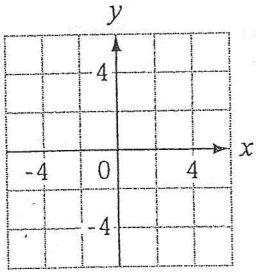


Find the x– and y–intercepts and graph.

3. $y = \frac{2}{5}x - 2$



4. $3x - y = 6$



Find the zero of each linear function.

7. $f(x) = -4x + 12$

8. $g(x) = 2x - 7$

7. _____

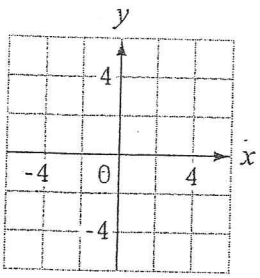
8. _____

Name

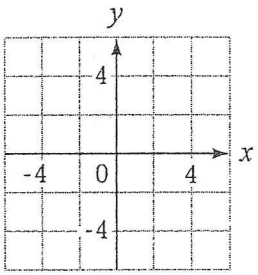
Score

Graph each function by evaluating the function at the given values of x. Plot the resulting ordered pairs. Then connect the points to form the graph.

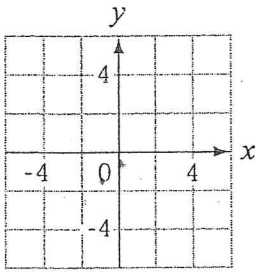
1. $f(x) = 2x - 4$,
$x = 0, 1, 2, 3, 4$



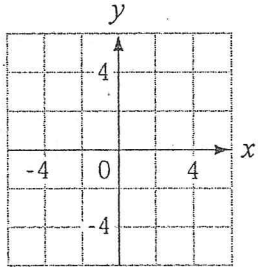
4. $P(x) = x^2 + 2x + 1$
$x = -3, -2, -1, 0, 1$



5. $f(x) = -|x - 1| - 2$
$x = -3, -2, -1, 0, 1, 2, 3, 4$



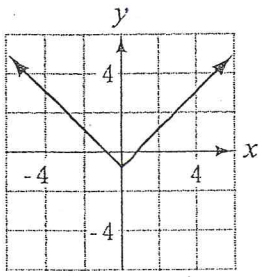
6. $g(x) = |x| + 2$
$x = -3, -2, -1, 0, 1, 2, 3$



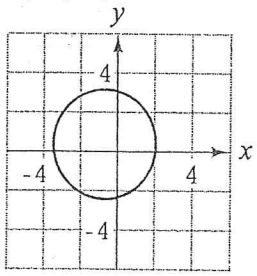
Additional Objective 3.2.3 Exercises

Use the Vertical Line Test to see if the graph represents a function.

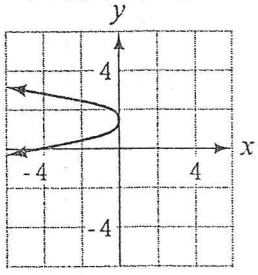
1.



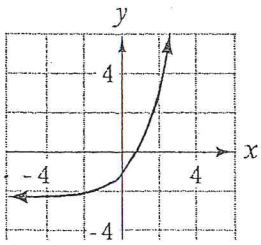
3.



6.



7.



8.