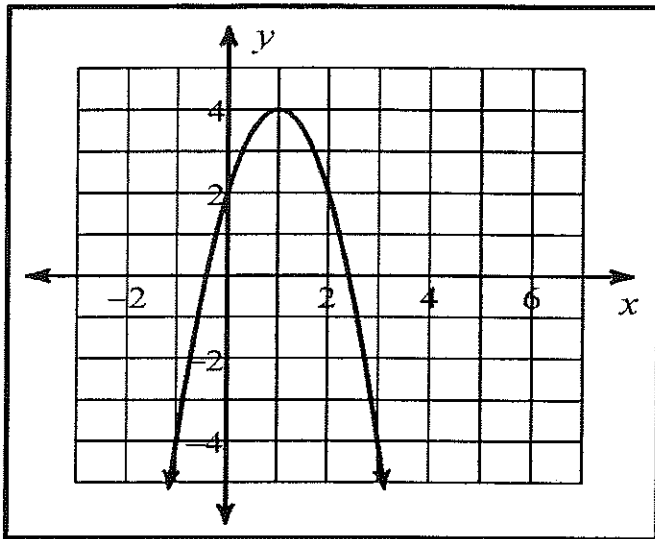


Name \_\_\_\_\_ Date \_\_\_\_\_ Class \_\_\_\_\_

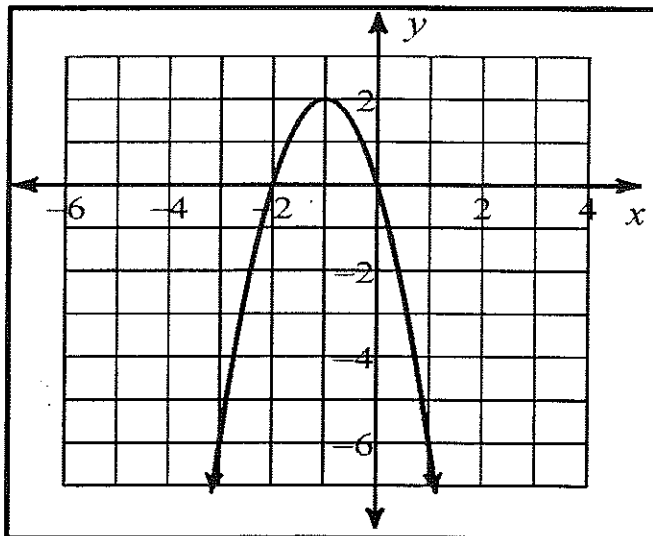
Identify key features of quadratic functions

1



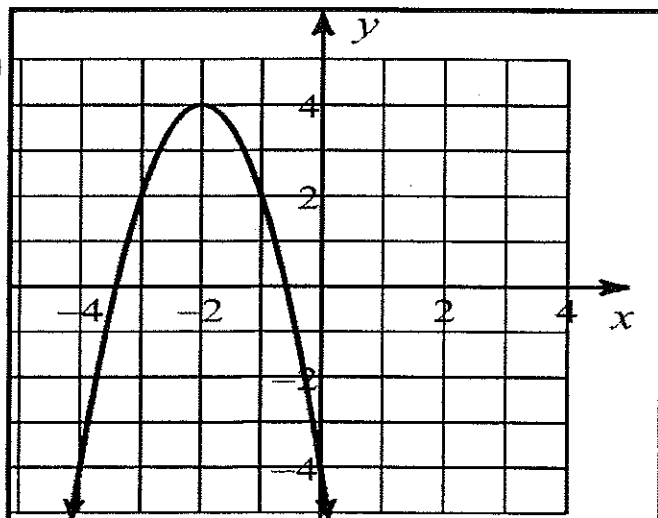
X-Intercept(s) \_\_\_\_\_  
 Y-Intercept \_\_\_\_\_  
 Vertex \_\_\_\_\_  
 Point of Extremum (circle one):  
Maximum or Minimum,  $y =$  \_\_\_\_\_  
 Axis of Symmetry  $x =$  \_\_\_\_\_  
 Root(s) \_\_\_\_\_  
 Solution(s) \_\_\_\_\_  
 Zero(s) \_\_\_\_\_

2



X-Intercept(s) \_\_\_\_\_  
 Y-Intercept \_\_\_\_\_  
 Vertex \_\_\_\_\_  
 Point of Extremum (circle one):  
Maximum or Minimum,  $y =$  \_\_\_\_\_  
 Axis of Symmetry  $x =$  \_\_\_\_\_  
 Root(s) \_\_\_\_\_  
 Solution(s) \_\_\_\_\_  
 Zero(s) \_\_\_\_\_

3



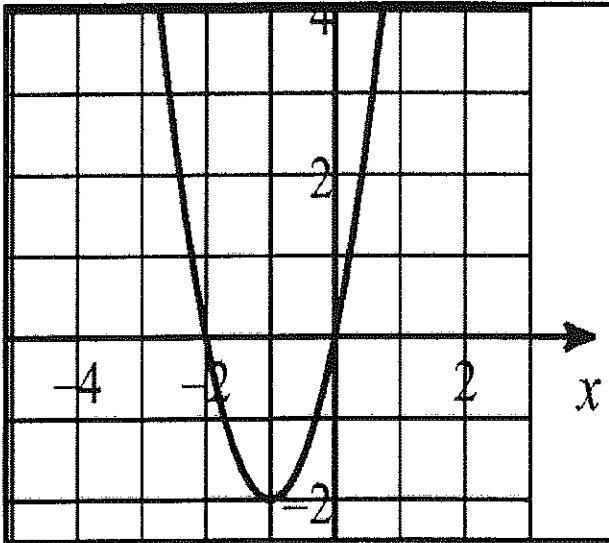
X-Intercept(s) \_\_\_\_\_  
 Y-Intercept \_\_\_\_\_  
 Vertex \_\_\_\_\_  
 Point of Extremum (circle one):  
Maximum or Minimum,  $y =$  \_\_\_\_\_  
 Axis of Symmetry  $x =$  \_\_\_\_\_  
 Root(s) \_\_\_\_\_  
 Solution(s) \_\_\_\_\_  
 Zero(s) \_\_\_\_\_

Name \_\_\_\_\_

Date \_\_\_\_\_

Class \_\_\_\_\_

4



X-Intercept(s) \_\_\_\_\_

Y-Intercept \_\_\_\_\_

Vertex \_\_\_\_\_

Point of Extremum (circle one):

Maximum or Minimum,  $y =$  \_\_\_\_\_

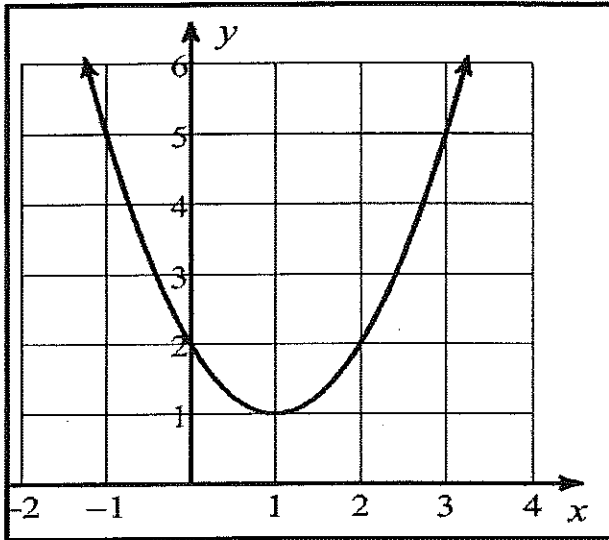
Axis of Symmetry  $x =$  \_\_\_\_\_

Root(s) \_\_\_\_\_

Solution(s) \_\_\_\_\_

Zero(s) \_\_\_\_\_

5



X-Intercept(s) \_\_\_\_\_

Y-Intercept \_\_\_\_\_

Vertex \_\_\_\_\_

Point of Extremum (circle one):

Maximum or Minimum,  $y =$  \_\_\_\_\_

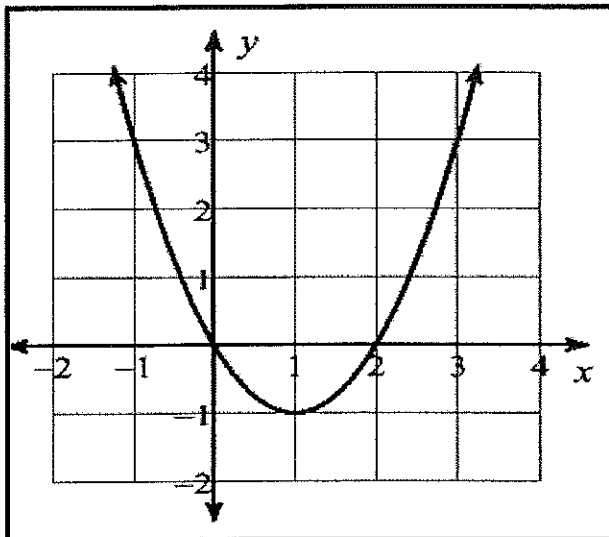
Axis of Symmetry  $x =$  \_\_\_\_\_

Root(s) \_\_\_\_\_

Solution(s) \_\_\_\_\_

Zero(s) \_\_\_\_\_

6



X-Intercept(s) \_\_\_\_\_

Y-Intercept \_\_\_\_\_

Vertex \_\_\_\_\_

Point of Extremum (circle one):

Maximum or Minimum,  $y =$  \_\_\_\_\_

Axis of Symmetry  $x =$  \_\_\_\_\_

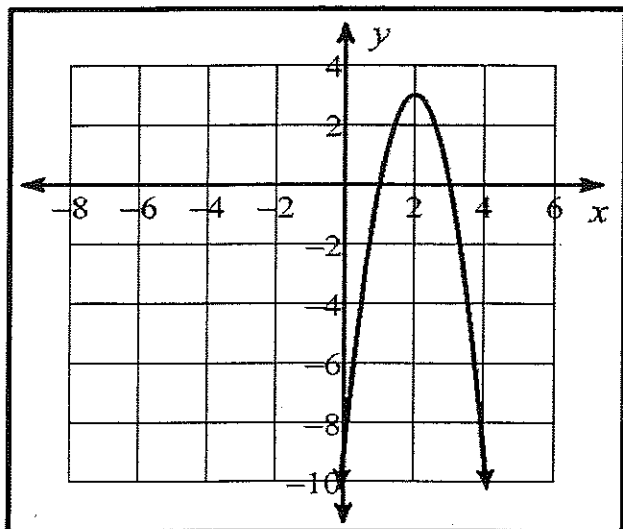
Root(s) \_\_\_\_\_

Solution(s) \_\_\_\_\_

Zero(s) \_\_\_\_\_

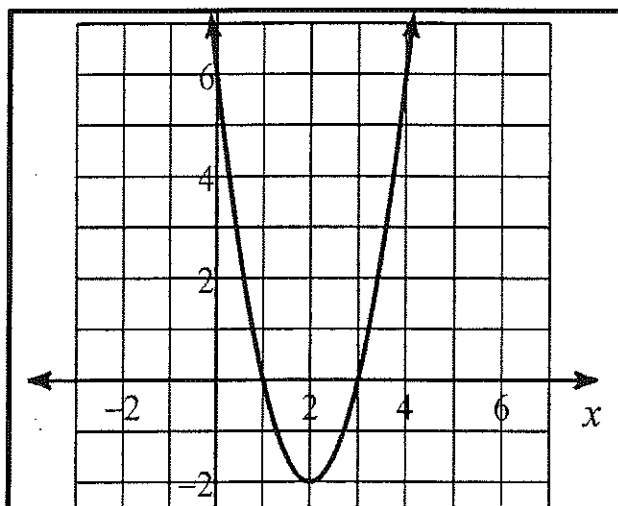
Name \_\_\_\_\_ Date \_\_\_\_\_ Class \_\_\_\_\_

7



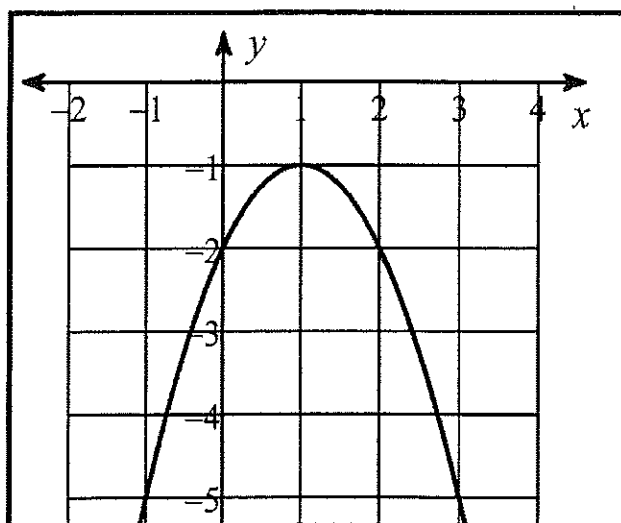
X-Intercept(s) \_\_\_\_\_  
 Y-Intercept \_\_\_\_\_  
 Vertex \_\_\_\_\_  
 Point of Extremum (circle one):  
Maximum or Minimum,  $y =$  \_\_\_\_\_  
 Axis of Symmetry  $x =$  \_\_\_\_\_  
 Root(s) \_\_\_\_\_  
 Solution(s) \_\_\_\_\_  
 Zero(s) \_\_\_\_\_

8



X-Intercept(s) \_\_\_\_\_  
 Y-Intercept \_\_\_\_\_  
 Vertex \_\_\_\_\_  
 Point of Extremum (circle one):  
Maximum or Minimum,  $y =$  \_\_\_\_\_  
 Axis of Symmetry  $x =$  \_\_\_\_\_  
 Root(s) \_\_\_\_\_  
 Solution(s) \_\_\_\_\_  
 Zero(s) \_\_\_\_\_

9



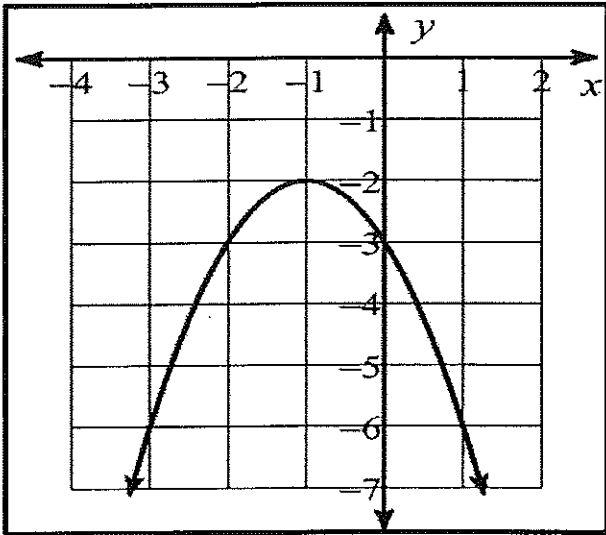
X-Intercept(s) \_\_\_\_\_  
 Y-Intercept \_\_\_\_\_  
 Vertex \_\_\_\_\_  
 Point of Extremum (circle one):  
Maximum or Minimum,  $y =$  \_\_\_\_\_  
 Axis of Symmetry  $x =$  \_\_\_\_\_  
 Root(s) \_\_\_\_\_  
 Solution(s) \_\_\_\_\_  
 Zero(s) \_\_\_\_\_

Name \_\_\_\_\_

Date \_\_\_\_\_

Class \_\_\_\_\_

10



X-Intercept(s) \_\_\_\_\_

Y-Intercept \_\_\_\_\_

Vertex \_\_\_\_\_

Point of Extremum (circle one):

Maximum or Minimum,  $y =$  \_\_\_\_\_

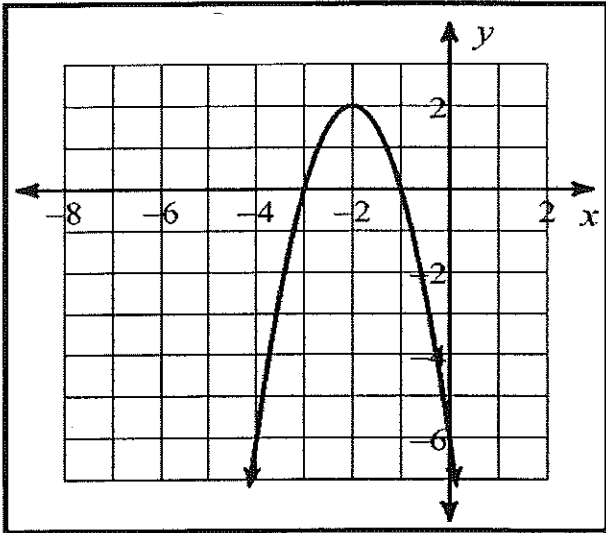
Axis of Symmetry  $x =$  \_\_\_\_\_

Root(s) \_\_\_\_\_

Solution(s) \_\_\_\_\_

Zero(s) \_\_\_\_\_

11



X-Intercept(s) \_\_\_\_\_

Y-Intercept \_\_\_\_\_

Vertex \_\_\_\_\_

Point of Extremum (circle one):

Maximum or Minimum,  $y =$  \_\_\_\_\_

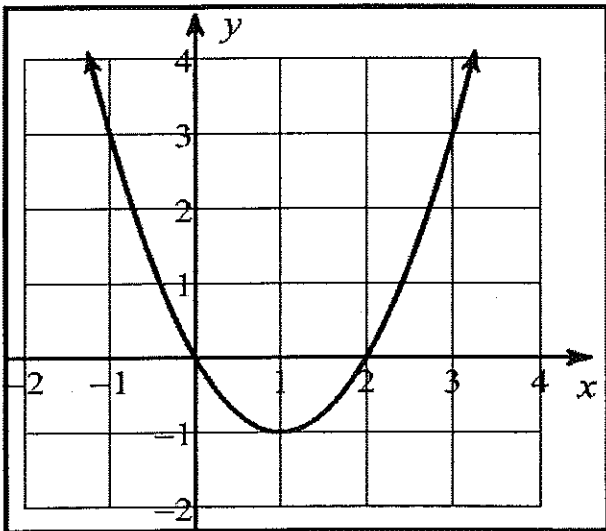
Axis of Symmetry  $x =$  \_\_\_\_\_

Root(s) \_\_\_\_\_

Solution(s) \_\_\_\_\_

Zero(s) \_\_\_\_\_

12



X-Intercept(s) \_\_\_\_\_

Y-Intercept \_\_\_\_\_

Vertex \_\_\_\_\_

Point of Extremum (circle one):

Maximum or Minimum,  $y =$  \_\_\_\_\_

Axis of Symmetry  $x =$  \_\_\_\_\_

Root(s) \_\_\_\_\_

Solution(s) \_\_\_\_\_

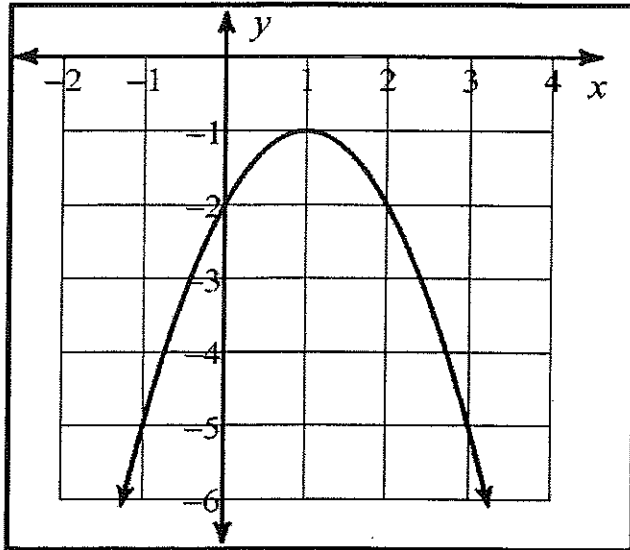
Zero(s) \_\_\_\_\_

Name \_\_\_\_\_

Date \_\_\_\_\_

Class \_\_\_\_\_

13



X-Intercept(s) \_\_\_\_\_

Y-Intercept \_\_\_\_\_

Vertex \_\_\_\_\_

Point of Extremum (circle one):

Maximum or Minimum,  $y =$  \_\_\_\_\_

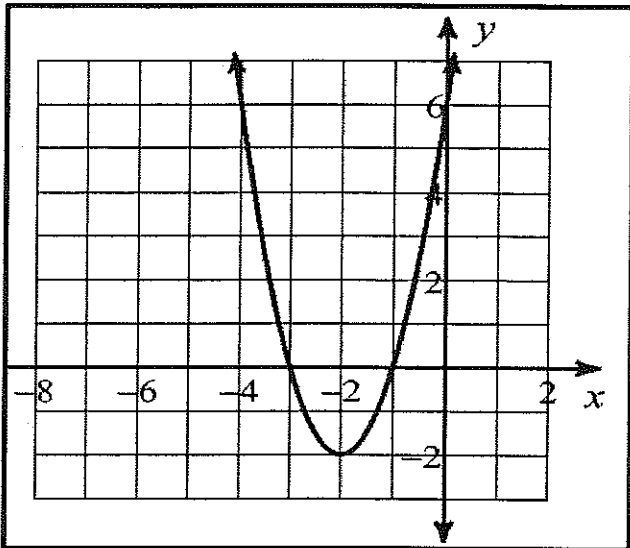
Axis of Symmetry  $x =$  \_\_\_\_\_

Root(s) \_\_\_\_\_

Solution(s) \_\_\_\_\_

Zero(s) \_\_\_\_\_

14



X-Intercept(s) \_\_\_\_\_

Y-Intercept \_\_\_\_\_

Vertex \_\_\_\_\_

Point of Extremum (circle one):

Maximum or Minimum,  $y =$  \_\_\_\_\_

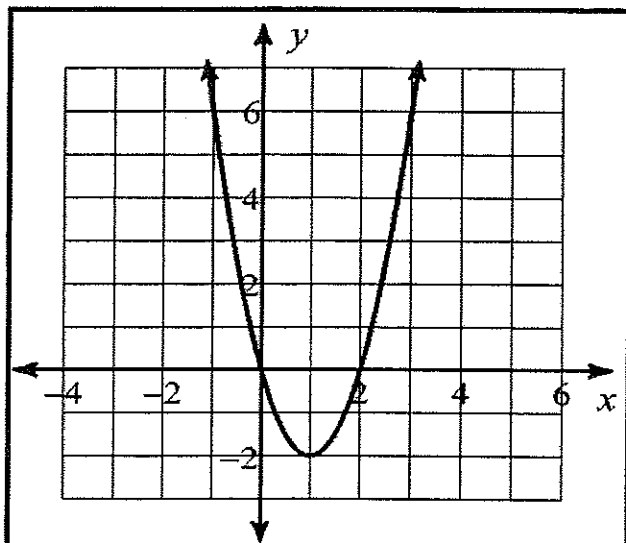
Axis of Symmetry  $x =$  \_\_\_\_\_

Root(s) \_\_\_\_\_

Solution(s) \_\_\_\_\_

Zero(s) \_\_\_\_\_

15



X-Intercept(s) \_\_\_\_\_

Y-Intercept \_\_\_\_\_

Vertex \_\_\_\_\_

Point of Extremum (circle one):

Maximum or Minimum,  $y =$  \_\_\_\_\_

Axis of Symmetry  $x =$  \_\_\_\_\_

Root(s) \_\_\_\_\_

Solution(s) \_\_\_\_\_

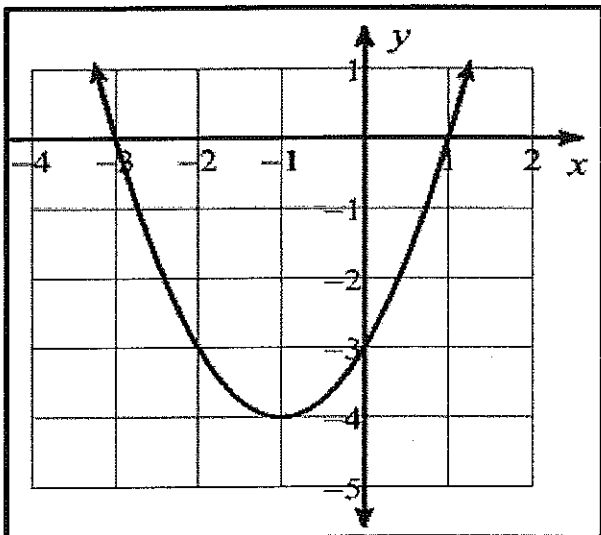
Zero(s) \_\_\_\_\_

Name \_\_\_\_\_

Date \_\_\_\_\_

Class \_\_\_\_\_

16



X-Intercept(s) \_\_\_\_\_

Y-Intercept \_\_\_\_\_

Vertex \_\_\_\_\_

Point of Extremum (circle one):

Maximum or Minimum,  $y =$  \_\_\_\_\_

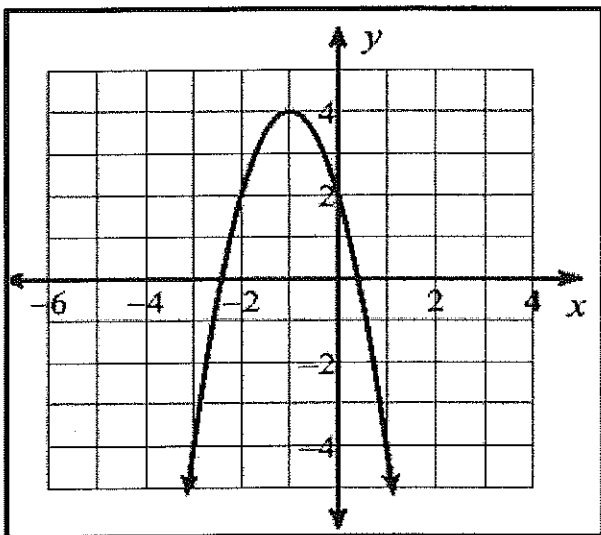
Axis of Symmetry  $x =$  \_\_\_\_\_

Root(s) \_\_\_\_\_

Solution(s) \_\_\_\_\_

Zero(s) \_\_\_\_\_

17



X-Intercept(s) \_\_\_\_\_

Y-Intercept \_\_\_\_\_

Vertex \_\_\_\_\_

Point of Extremum (circle one):

Maximum or Minimum,  $y =$  \_\_\_\_\_

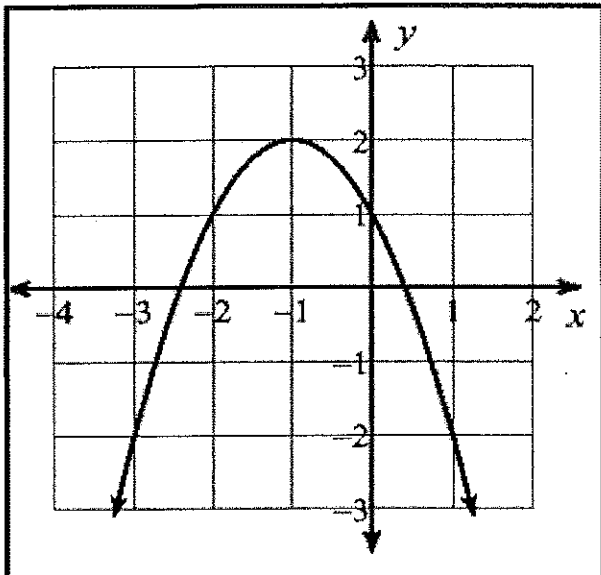
Axis of Symmetry  $x =$  \_\_\_\_\_

Root(s) \_\_\_\_\_

Solution(s) \_\_\_\_\_

Zero(s) \_\_\_\_\_

18



X-Intercept(s) \_\_\_\_\_

Y-Intercept \_\_\_\_\_

Vertex \_\_\_\_\_

Point of Extremum (circle one):

Maximum or Minimum,  $y =$  \_\_\_\_\_

Axis of Symmetry  $x =$  \_\_\_\_\_

Root(s) \_\_\_\_\_

Solution(s) \_\_\_\_\_

Zero(s) \_\_\_\_\_