Name

Class

Date



Absolute Value Functions and Graphs

2-7

**Practice**

*Form G*

**Graph each equation.**

 **1. ** **2.** **3. **

**Graph each equation. Then describe the transformation from the parent function ** **4.** **5.** $y=-5\left|x\right|$

**Without graphing, identify the vertex, axis of symmetry, and transformations from the parent function .**

**7. **

**8. **

**9. **

**Prentice Hall Gold Algebra 2 •** Teaching Resources

Copyright © by Pearson Education, Inc., or its affiliates. All Rights Reserved.

**63**

Name

Class

Date



2-7

**Practice** (continued)

Absolute Value Functions and Graphs

*Form G*

**10.** Graph. List the vertex and the *x*- and
*y*-intercepts, if any.

**Graph each absolute value equation.**

**11.**  **12.** 

**13.**  **14.** 

**15. a.** Graph the equations  and  on the same set of axes.

 **b. Writing** Describe the similarities and differences in the graphs.

**Prentice Hall Gold Algebra 2 •** Teaching Resources

Copyright © by Pearson Education, Inc., or its affiliates. All Rights Reserved.

**64**