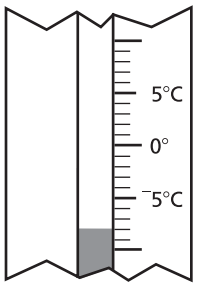
Name _____ Date _____ **Chapter 12 Test**

Write the correct answer.

For 1–4, use the thermometer.



1. What temperature is shown on the thermometer?

_____

2. If the temperature drops 4°, what will the thermometer show?

_____

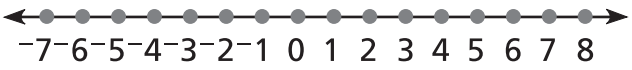
3. If the temperature rises 7°, what will the thermometer show?

_____

4. How many degrees will the temperature have to rise in order to be 2°C?

_____

For 5–8, use the number line.



5. Start at −4. Jump forward 6 spaces. Then jump backward 8 spaces. Where are you?

_____

6. Start at 6. Jump backward 5 spaces. Then jump backward 4 spaces. Where are you?

_____

7. Start at 0. Jump forward 4 spaces. Then jump backward 9 spaces. Where are you?

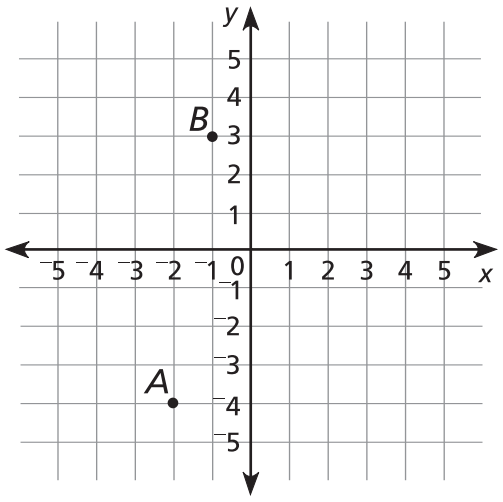
_____

8. Start at −2. Jump backward 4 spaces. Then jump forward 9 spaces. Where are you?

_____

Name _____ Date _____ **Chapter 12 Test**

For 9–14, use the grid.



9. What is the location of point ***A***?

_____

10. What is the location of point ***B***?

_____

11. If you mark these points and then connect them in order, what figure will you have drawn?

(2,3), (4,−4), (−4,−4), (−2,3), (2,3)

_____

12. What is the fourth point you would use along with (3,3), (−5,3), and (−5,−3) to draw a rectangle?

_____

13. What is the third point you would use along with (−1,2) and (3,−1) to draw a right triangle?

_____

14. Write a point that is on the same line as (1,−2) and (−3,−2).

_____

_____

_____

_____

15. The temperature at 9:00 A.M. was −1°C. At noon, it was 2° warmer. At 3 P.M., it was 3° warmer than at noon. At 6 P.M., it was 4° colder than at 3 P.M. At 9 P.M., it was 2° colder than at 6 P.M. What was the temperature at 9 P.M.?

_____