Name Date

Test A

Chapter

11

Find the absolute value.

 1.  2.  3. 

Complete the statement using 

Answers

 1.

 2.

 3.

 4. See left.

 5. See left.

 6. See left.

 7.

 8.

 9.

 10.

 11.

 12.

 13.

 14.

 15.

 16.

 17.

 18.

 19.

 20.

 21.

 22.

 4.  6 5. 0  6.  

 7. One fish is 4 feet below sea level. Another fish is 3 feet below sea level. Write each position as an integer. Which integer is greater?

Evaluate the expression.

 8.  9. 

 10.  11. 

Multiply.

 12.  13. 

Divide, if possible.

 14.  15. 

 16.  17. 

 18. You start hiking at an elevation that is 80 meters below base camp. You increase your elevation by 42 meters. What is the new elevation with respect to base camp?

 19. The temperature falls fromWhat is the difference
in these temperatures?

Find the mean of the integers.

 20. 

 21. 

 22. 

Name Date

Test A **(continued)**

Chapter

11

Use mental math to solve the equation.

 23.  24. 

 25.  26. 

 27.  28. 

Find the next two numbers in the pattern.

 29.  30. 

 31. The table shows the temperature in Des Moines, Iowa, for certain
times during a particular day.

Answers

 23.

 24.

 25.

 26.

 27.

 28.

 29.

 30.

 31. a.

 b.

 c.

 d.

 e. See left.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Time  | 3 a.m. | 8 a.m. | 1 p.m. | 5 p.m. | 10 p.m. |
| Temperature |  |  |  |  |  |

 a. What are the high and low temperatures?

 b. Find the range of temperatures.

 c. Find the change in temperature from 5 p.m. to 10 p.m.

 d. Based on the given five temperatures, what is the average temperature for the day?

 e. Explain why your answer to part (d) is not an accurate average temperature for the day.