Name Date

Practice A

1.3

Subtract.

 1.  2.  3.  4. 

 5.  6.  7.  8. 

 9.  10.  11.  12. 

 13. You are scuba diving at  feet. You dive 5 feet deeper. What is your position in the water?

 14. Write  using addition.

 15. Write  using subtraction.

Evaluate the expression.

 16.  17.  18. 

 19.  20.  21. 

 22.  23.  24. 

Use mental math to solve the equation.

 25.  26.  27. 

 28. Write two different pairs of negative integers, *x* and *y*, that make the statement  true.

 29. The table shows the highest
and lowest elevations for
two cities.

|  |  |  |
| --- | --- | --- |
| City | Highest elevation (feet) | Lowest elevation (feet) |
| Long Beach, CA | 360 |  |
| New Orleans, LA | 25 |  |

 a. Find the range of elevations
for Long Beach.

 b. Find the range of elevations
for New Orleans.

 c. One of the cities has an average elevation of about 2 feet below sea level. Which city is it?

Name Date

Practice B

1.3

Subtract.

 1.  2.  3.  4. 

 5.  6.  7.  8. 

 9. A dolphin is at  feet. It swims up and jumps out of the water to a height of 8 feet. Write a subtraction expression for the vertical distance the dolphin travels.

**Evaluate the expression.**

 10.  11.  12. 

 13.  14.  15. 

 16.  17.  18. 

Use mental math to solve the equation.

 19.  20.  21. 

 22.  23.  24. 

 25. The table shows the record monthly high and low temperatures in International Falls, Minnesota.

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| High (°F) | 48 | 58 | 76 | 93 | 95 | 99 | 98 | 95 | 95 | 88 | 73 | 57 |
| Low (°F) | –46 | –45 | –38 | –14 | 11 | 23 | 34 | 30 | 20 | 2 | –32 | –41 |

 a. Find the range of temperatures for each month.

 b. What are the all-time high and all-time low temperatures?

 c. What is the range of the temperatures in part (b)?

 26. For what values of *a* and *b* is the statement  false?