

## Worksheet 7.4

*Subtraction of Real Numbers.*

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*Subtract. See examples on pages 419-420 in text.*

1.  $6 - 9$

- A)  $-3$       B)  $15$       C)  $-15$       D)  $3$

2.  $-12 - (-11)$

- A)  $1$       B)  $-1$       C)  $23$       D)  $-23$

3.  $\frac{1}{11} - \left(-\frac{3}{11}\right)$

- A)  $\frac{4}{11}$       B)  $-\frac{2}{11}$       C)  $-\frac{4}{11}$       D)  $\frac{2}{11}$

4.  $-\frac{3}{4} - \frac{5}{8}$

- A)  $-1$       B)  $-\frac{11}{8}$       C)  $-\frac{1}{4}$       D)  $\frac{11}{8}$

5.  $2 + (-11) - (-17) - 6 + (-11)$

- A)  $3$       B)  $13$       C)  $-9$       D)  $-31$

6.  $1.2 - (-15.5) - (-7.0)$

- A)  $-21.3$       B)  $-7.3$       C)  $-23.7$       D)  $23.7$

*Solve the problem. See examples on page 421 in text.*

7. The temperature at the South pole was  $8^{\circ}$  at 8 am. At 3 pm, it was  $-11^{\circ}$ . By how many degrees did the temperature drop?

- A) by  $-3^{\circ}$       B) by  $3^{\circ}$       C) by  $-19^{\circ}$       D) by  $19^{\circ}$

8. A diver is 100 ft below the ocean surface near a rock formation. In this area, the ocean floor 189 ft below the surface. The rock formation rises to a peak 104 above the ocean floor. How many feet below the top of the rock formation is the diver?

- A) 4 ft      B) 204 ft      C) 142 ft      D) 393 ft

*Solve the problem. See examples on page 273 in text.*

9. Samuel consumed 2000 calories of food on Monday, 2450 calories on Tuesday, and 1900 calories on Wednesday. In order for Samuel's average calorie intake to equal a daily average of 2100 calories, how many calories of food must he consume on Thursday?

- A) 2500 calories      B) 2050 calories      C) 1950 calories      D) 2100 calories

Find the median for the set of numbers. *See examples on pages 273-274 in text.*

10. 46, 22, 6, 1, 26, 13, 3

- A) 1      B) 13      C) 22      D) 46