

Worksheet 7.4

Subtraction of Real Numbers.

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° at 8 am. At 3 pm, it was -11° . By how many degrees did the temperature drop?

- A) by -3° B) by 3° C) by -19° D) by 19°

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