# Practice 1-5

**Subtracting Real Numbers**

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**Simplify.**

**1.** 13 - 6

**2.** 19 - 35

**3.** -4-8

**4.** -14 - (-6)

**5.** 18 - (-25)

**6.** -32 - 17

**7.** -6.8 - 14.6

**8.** -9.3 - (-23.9)

**9.** -8.2 - 0.8

**10.** 18.3 - (-8.1)

**11.** -3 - (-15)

**12.** 6.4 - 17

**13.** $\frac{3}{4} - 1\frac{1}{4}$

**14.** $-\frac{1}{3} - \frac{2}{3}$

**15.** $-\frac{1}{4} - \left(-\frac{3}{4}\right)$

**16.** $|-11| - |-29|$

**17.** $|-4 - 8|$

**18.** $|9.8| - |-15.7|$

**19.** $|-8 - (-32)|$

**20.** $|3.7 - (-6.8)|$

**21.** 2.83 - 3.82

**Evaluate each expression for $c = -3$ and $d = -6$.**

**22.** $c - d$

**23.** $-c - d$

**24.** $-c - (-d)$

**25.** $|c + d|$

**26.** $-c + d$

**27.** $3c - 2d$

**Simplify.**

**28.** 8 - (-4) - (-5)

**29.** 6 - 1 0 - 4

**30.** 10 - 14 - 15

**31.** -6 - 3 - (-2)

**32.** -5 + 7 - 9

**33.** - 2 – 2 - 4

**Evaluate each expression for $p = -1.5$, $q = -3$, and $r = 2$.**

**34.** $p + q - r$

**35.** $-q - r + p$

**36.** $|-r|$

**37.** $|p| - |r| + |q|$

**38.** $3r + |p|$

**39.** $|q - r| + q$

**40.** The temperature in the evening was 688F. The following morning, the temperature was 398F. What is the difference between the two temperatures?

**41.** What is the difference in altitude between Mt. Everest, which is about 29,028 ft above sea level, and Death Valley, which is about 282 ft below sea level?

**42.** Suppose the balance in your checking account was $234.15 when you wrote a check for $439.87. (This is known as overdrawing your account.) Describe the account's new balance.

**43.** After three plays in which a football team lost 7 yd, gained 3 yd, and lost 1 yd, respectively, the ball was placed on the team's own 30-yd line. Where was the ball before the three plays?

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