3.3: Subtracting Rational Numbers

**1.** Determine each difference. Describe the strategies you used.

**a)**  **b)** 

**2.** Two climbers leave base camp at the same time. Climber A ascends 20.4 m, while climber B descends 35.4 m. How far apart are the climbers? Write a subtraction statement using rational numbers to solve the problem.

**3.** Predict whether each difference is positive or negative. Determine each difference.

**a)** 34 **b)** 

**4.** Use integers to estimate each difference. Then, determine each difference.

**a)** 

**b)** 

**c)** 

**5.** Determine the missing rational number in each addition statement.

**a)** 3 **b)** –2