

1.6**Challenge Practice**

For use with pages 34–38

Evaluate the expression when $r = -13$, $s = -52$, and $t = 29$.

1. $s + t - r + 5$

2. $-45 + r - t - s$

3. $s - (r - t - 14)$

4. $s - (r + 23 - t)$

In Exercises 5–8, the variables a and b are integers. Tell whether the value of the expression is *positive*, *negative*, or *could be either* under the given conditions.

5. $b - a$ given that $b < a$

6. $|b| - a$ given that $b > a$

7. $|b| - a$ given that $b < a$

8. $|b| - |a|$ given that $b > a$

9. The table below shows the changes this month in a money market account fund. Round the amounts in the right column to dollars and write an expression to approximate the new account balance. Amounts in parentheses should be subtracted from the beginning balance and amounts not in parentheses should be added.

RECONCILIATION OF ACCOUNT BALANCES	
• BEGINNING BALANCE	76,112.10
• TRANSFERS OUT OF ACCOUNT	(227.34)
• OUTSTANDING CHECKS	(33.78)
• TRANSFERS INTO ACCOUNT	0.00
• DEPOSITS IN TRANSIT	0.00
• NEW CHECKS	(1373.06)
• BANK CHARGES	(5.00)
• INTEREST	325.13