

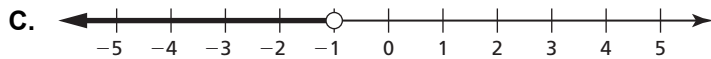
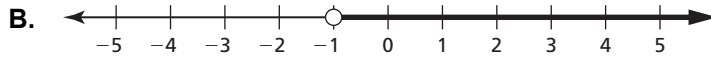
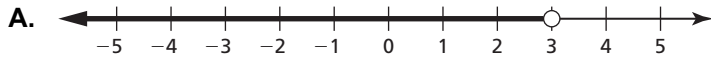
## 2.4 Practice B

In Exercises 1–3, match the inequality with its graph.

1.  $5(4 - y) < 25$

2.  $-9k + 5 > 14$

3.  $2(x - 7) < -8$



In Exercises 4–9, solve the inequality. Graph the solution.

4.  $6 < -5t - 4$

5.  $\frac{m}{4} + 2 < 3$

6.  $5 + \frac{k}{-2} \geq 2$

7.  $\frac{d}{-6} + 7 < 11$

8.  $4 < -2(y + 3)$

9.  $24 \geq 6(w - 2)$

In Exercises 10–15, solve the inequality.

10.  $-5n - 4 > 7n + 20$

11.  $4k - 6 < 3k + k - 1$

12.  $10h - 3h + 6 \geq 11 + 7h$

13.  $6(t - 1) \leq 2(3t - 5)$

14.  $12(x - 2) > 3(4x - 8)$

15.  $6\left(\frac{1}{3}d + 4\right) > 2(d + 12)$

16. You must maintain a minimum balance of \$50 in your checking account. You currently have a balance of \$280.

- Write and solve an inequality that represents how many \$20 bills you can withdraw from the account without going below the minimum balance.
- Your bank charges an ATM fee of \$2.50, which is charged each time you withdraw \$20. Write and solve an inequality that represents how many \$20 bills you can withdraw from the account without going below the minimum balance in this situation.