

## SOL Warm-Up

### Graphing Calculator Active

#### A.1f Solving multistep linear noncompound inequalities

1. What are the values of  $x$  if  $7x - 6 \leq 13 + 9x$  ?

**A**  $x \geq -\frac{19}{2}$

**B**  $x \leq -\frac{19}{2}$

**C**  $x \leq \frac{19}{2}$

**D**  $x \geq \frac{19}{2}$

2. What are the values of  $x$  if  $9 - 4x > 3x - 16$ ?

**A**  $x < -\frac{25}{7}$

**B**  $x > -\frac{25}{7}$

**C**  $x < \frac{25}{7}$

**D**  $x > \frac{25}{7}$

3. What are the values of  $x$  if  $2x + 4 < 10 - 8x$ ?

**A**  $x < -\frac{3}{5}$

**B**  $x > -\frac{3}{5}$

**C**  $x < \frac{3}{5}$

**D**  $x > \frac{3}{5}$

4. What are the values of  $x$  if  $-2x + 6 \geq 3x - 4$ ?

**A**  $x \geq -2$

**B**  $x \leq -2$

**C**  $x \geq 2$

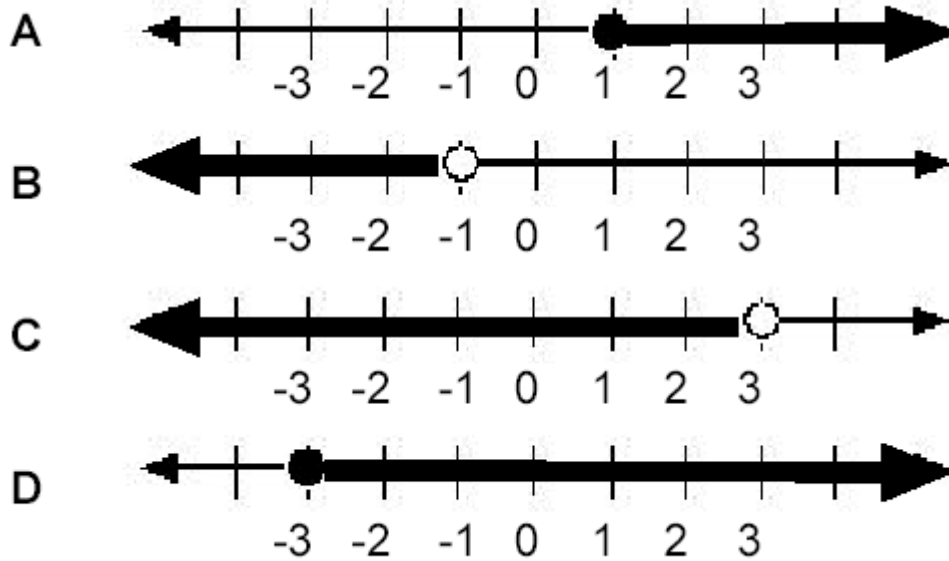
**D**  $x \leq 2$

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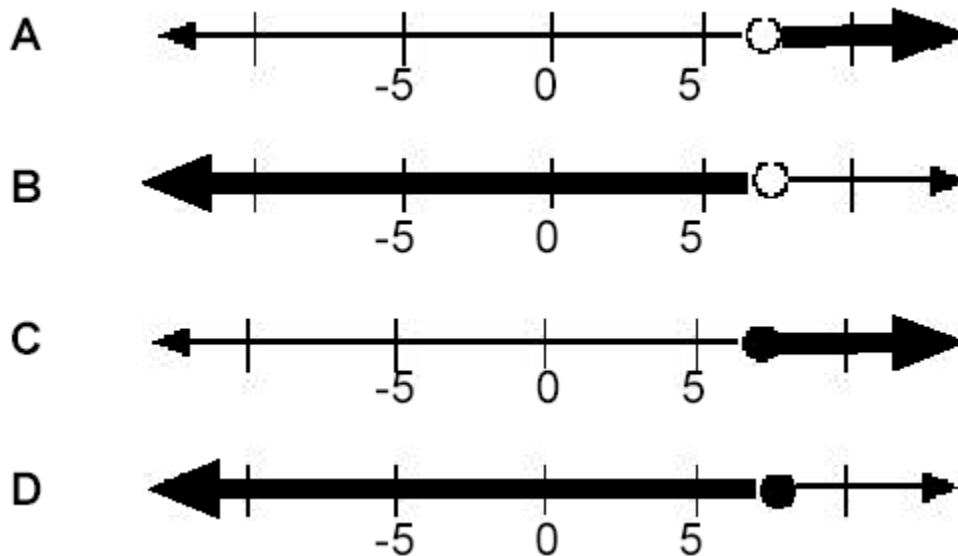
### Graphing Calculator Active

**A.1h** Solving multistep linear equations and noncompound inequalities

1. Which graph shows the solution to  $4 - 2x > -2$  ?



2. Which graph shows the solution to  $2x - 10 \geq 4$  ?

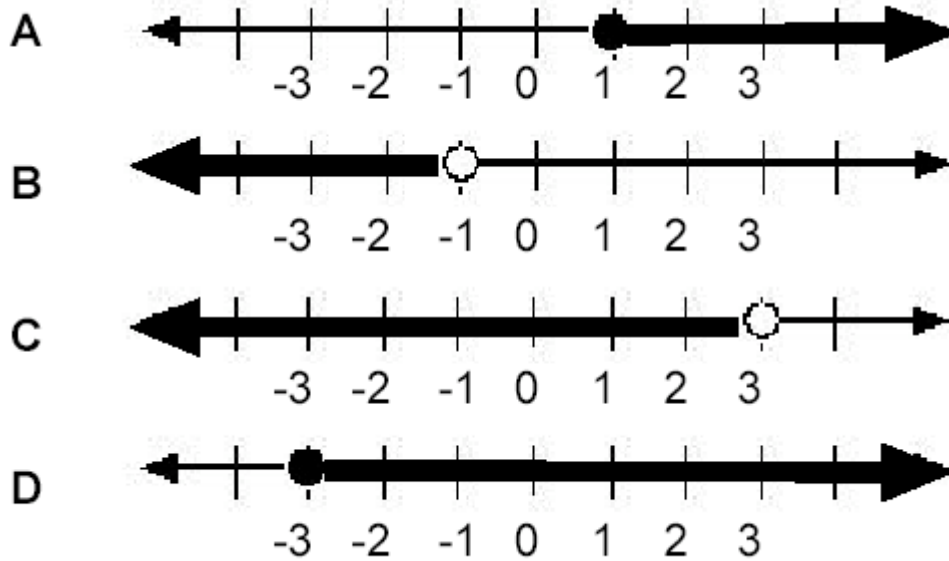


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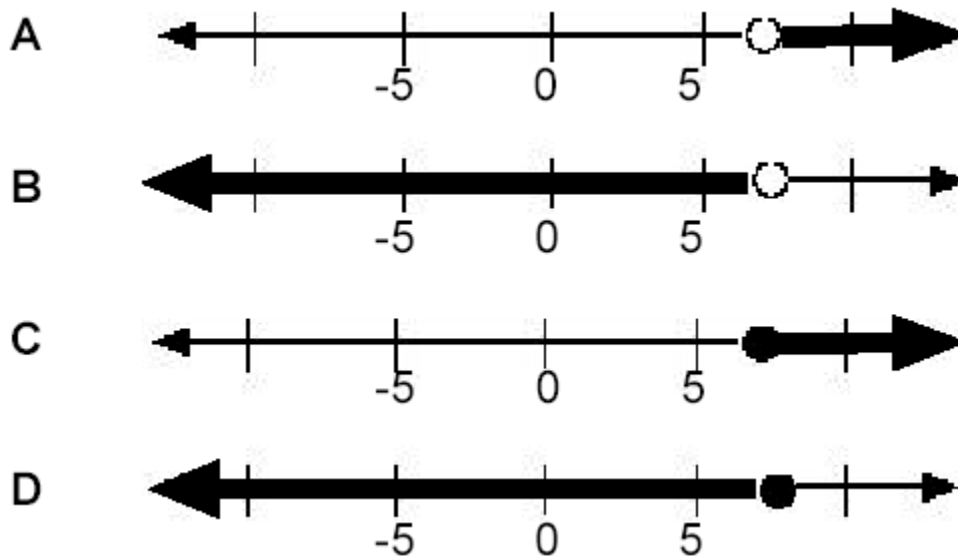
### Graphing Calculator Active

**A.1h** Solving multistep linear equations and noncompound inequalities

3. Which graph shows the solution to  $4 - 2x > -2$  ?



4. Which graph shows the solution to  $2x - 10 \geq 4$ ?



## SOL Warm-Up

### Graphing Calculator Active

**A.1k** Solving multistep linear equations and noncompound inequalities

1. What are the values of  $x$  if  $-2(x + 4) > 6x - 4$ ?

**A**  $x < -\frac{4}{5}$

**B**  $x > -\frac{1}{2}$

**C**  $x < -\frac{1}{2}$

**D**  $x > \frac{4}{5}$

2. What are the values of  $x$  if  $2(4 - x) > 5x + 8$ ?

**A**  $x < -8$

**B**  $x < 0$

**C**  $x > 0$

**D**  $x > 8$

3. What are the values of  $x$  if  $4(2x - 3) < 4(x - 4)$ ?

**A**  $x < -1$

**B**  $x > -1$

**C**  $x < 1$

**D**  $x > 1$

4. What are the values of  $x$  if  $3(x + 4) - 5(x - 1) < 5$ ?

**A**  $x < -6$

**B**  $x > -6$

**C**  $x < 6$

**D**  $x > 6$