

1)
Solve the
inequality:
 $x - 4 \geq 18$

2)
Solve the
inequality:
 $12 + x \leq 17$

3)
Solve the
inequality:
 $23 < x + 16$

4)
Solve the
inequality:
 $-6 + x \geq -7$

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5)
Solve the
inequality:
 $-12 \geq -15 + x$

6)
Solve the
inequality:
 $12 \leq -4x$

7)
Solve the
inequality:
 $\frac{x}{5} > -3$

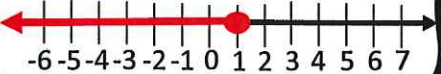
8)
Solve the
inequality:
 $11x < -110$

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9)
Solve the inequality:
$$-2x > 4$$


10)
Solve the inequality:
$$3 > \frac{x}{-6}$$

11)
Write an inequality that is represented by the graph:



A number line from -6 to 7 with tick marks every 1 unit. A solid red dot is placed at the number 1. A red ray extends from this dot to the left, passing through -2, -4, and -6.

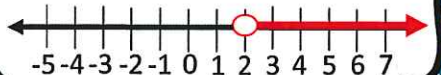
12)
Write an inequality that is represented by the graph:



A number line from -5 to 7 with tick marks every 1 unit. An open red circle is placed at the number -3. A red ray extends from this circle to the right, passing through -2, -1, 0, 1, 2, 3, 4, 5, 6, and 7.

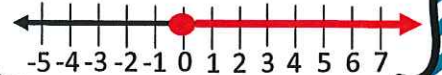
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13)
Write an inequality that is represented by the graph:



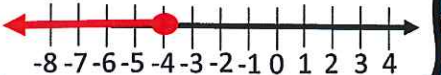
A number line from -5 to 7 with tick marks every 1 unit. An open red circle is placed at the number 2. A red ray extends from this circle to the right, passing through 3, 4, 5, 6, and 7.

14)
Write an inequality that is represented by the graph:



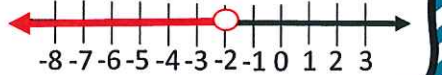
A number line from -5 to 7 with tick marks every 1 unit. A solid red dot is placed at the number 0. A red ray extends from this dot to the right, passing through 1, 2, 3, 4, 5, 6, and 7.

15)
Write an inequality that is represented by the graph:



A number line from -8 to 4 with tick marks every 1 unit. A solid red dot is placed at the number -4. A red ray extends from this dot to the left, passing through -5, -6, -7, and -8.

16)
Write an inequality that is represented by the graph:



A number line from -8 to 3 with tick marks every 1 unit. An open red circle is placed at the number -2. A red ray extends from this circle to the left, passing through -3, -4, -5, -6, -7, and -8.

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17)
Write an inequality
that is represented
by the graph:

A number line is shown with tick marks from 0 to 12. An open circle is drawn at the number 9. A red ray starts at the open circle and points to the left, passing through 8, 7, 6, 5, 4, 3, 2, 1, and 0.

18)
Write an inequality
that is represented by
the graph:

A number line is shown with tick marks from 1 to 13. A closed circle is drawn at the number 6. A red ray starts at the closed circle and points to the right, passing through 7, 8, 9, 10, 11, 12, and 13.

19)
Write an inequality
that is represented by
the graph:

A number line is shown with tick marks from -7 to 5. A closed circle is drawn at the number 5. A red ray starts at the closed circle and points to the left, passing through 4, 3, 2, 1, 0, -1, -2, -3, -4, and -5.

20)
Write an inequality
that is represented by
the graph:

A number line is shown with tick marks from -8 to 4. An open circle is drawn at the number -8. A red ray starts at the open circle and points to the right, passing through -7, -6, -5, -4, -3, -2, -1, 0, 1, 2, 3, and 4.

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21)
Solve the inequality
and graph the
solution:

$$2x > -12$$

22)
Solve the inequality
and graph the
solution:

$$3 + x < 14$$

23)
Solve the inequality
and graph the
solution:

$$-1 \geq \frac{x}{-5}$$

24)
Solve the inequality
and graph the
solution:

$$-16 \leq x - 19$$

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25)
Solve the inequality
and graph the
solution:
 $\frac{x}{3} > 4$


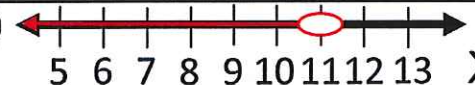
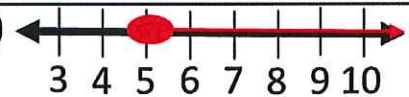
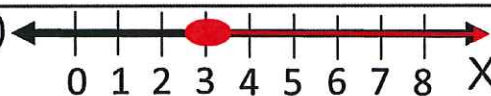
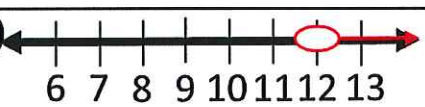
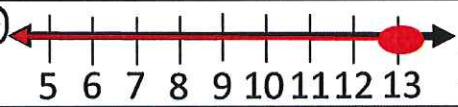
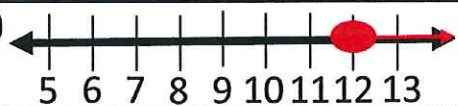
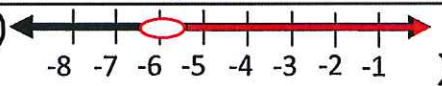
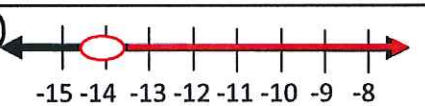
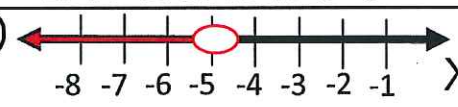
26)
Solve the inequality
and graph the
solution:
 $10 + x \leq 23$

27)
Solve the inequality
and graph the
solution:
 $-15 + x \geq -3$

28)
Solve the inequality
and graph the
solution:
 $-3x < 18$

Answer Key

One Step Inequalities

1) $x \geq 22$	16) $x < -2$
2) $x \leq 5$	17) $x < 9$
3) $x > 7$	18) $x \geq 6$
4) $x \geq -1$	19) $x \leq 5$
5) $x \leq 3$	20) $x > -8$
6) $x \leq -3$	21)  $x > -6$
7) $x > -15$	22)  $x < 11$
8) $x < -10$	23)  $x \geq 5$
9) $x < -2$	24)  $x \geq 3$
10) $x > -18$	25)  $x > 12$
11) $x \leq 1$	26)  $x \leq 13$
12) $x > -3$	27)  $x \geq 12$
13) $x > 2$	28)  $x > -6$
14) $x \geq 0$	29)  $x > -14$
15) $x \leq -4$	30)  $x < -5$