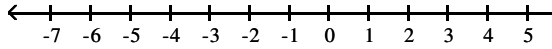


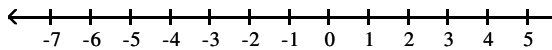
Name \_\_\_\_\_

Graph the solution of the inequality on a number line.

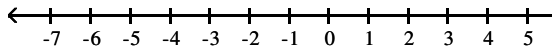
1)  $x > -3$



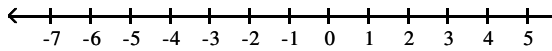
2)  $x < 5$



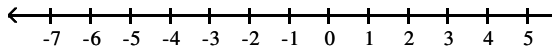
3)  $x < 0$



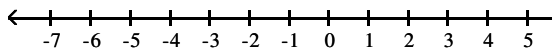
4)  $x \geq 0$



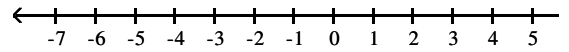
5)  $x \leq 5$



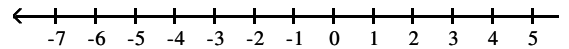
6)  $-5 \leq x \leq -1$



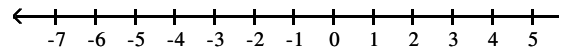
7)  $3 < x < 7$



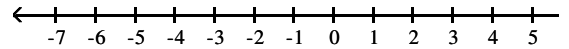
8)  $-3 \leq x < 1$



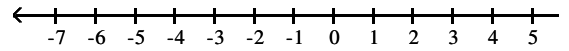
9)  $x \geq -2$



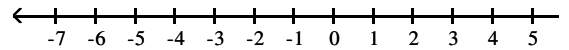
10)  $x \leq -5$



11)  $-2 \leq x \leq 2$



12)  $-4 < x < 0$



**Express the solution set of the inequality in interval notation.**

13)  $x \geq 7$

14)  $x \geq 3$

15)  $x > 19$

16)  $x > 15$

17)  $x > -8$

18)  $x \geq -14$

19)  $x \geq -20$

20)  $x < 5$

21)  $x < 8$

22)  $x \leq 10$

23)  $x \leq 20$

24)  $x \leq -9$

25)  $x < -18$

26)  $x < -13$

27)  $x < \frac{5}{4}$

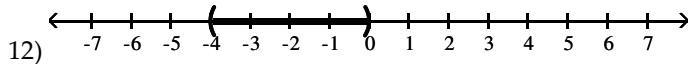
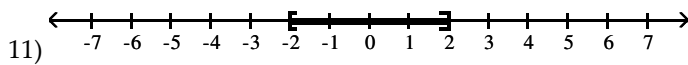
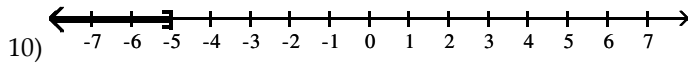
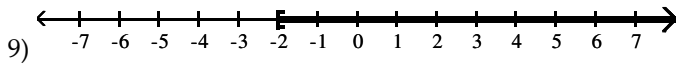
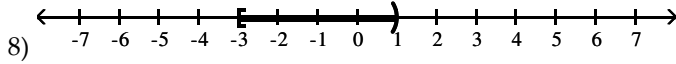
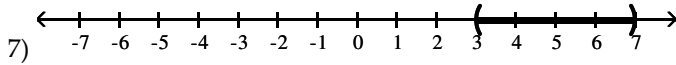
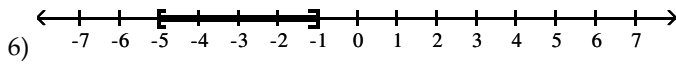
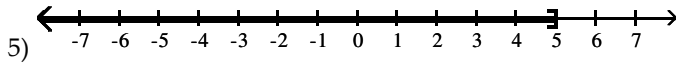
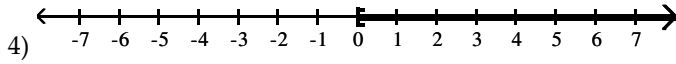
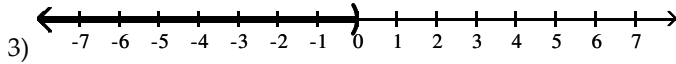
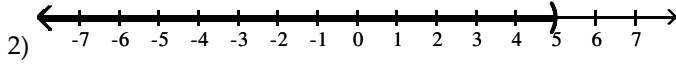
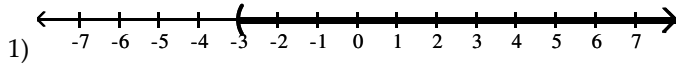
28)  $x < \frac{4}{7}$

29)  $x \geq \frac{9}{8}$

30)  $x \geq \frac{7}{8}$

Answer Key

Testname: 02.6V01A



13)  $[7, \infty)$

14)  $[3, \infty)$

15)  $(19, \infty)$

16)  $(15, \infty)$

17)  $(-8, \infty)$

18)  $[-14, \infty)$

19)  $[-20, \infty)$

20)  $(-\infty, 5)$

21)  $(-\infty, 8)$

22)  $(-\infty, 10]$

23)  $(-\infty, 20]$

24)  $(-\infty, -9]$

25)  $(-\infty, -18)$

26)  $(-\infty, -13)$

27)  $\left(-\infty, \frac{5}{4}\right)$

28)  $\left(-\infty, \frac{4}{7}\right)$

Answer Key

Testname: 02.6V01A

$$29) \left[ \frac{9}{8}, \infty \right)$$

$$30) \left[ \frac{7}{8}, \infty \right)$$