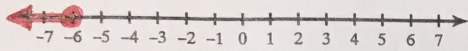


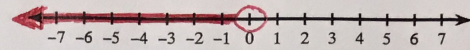
Inequalities Practice Quiz #1

Draw a graph for each inequality.

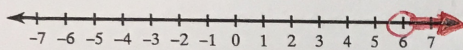
1)  $-6 \geq x$



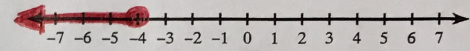
2)  $n < 0$



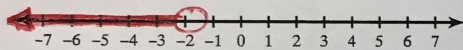
3)  $v > 6$



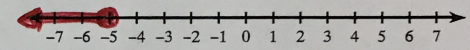
4)  $k \leq -4$



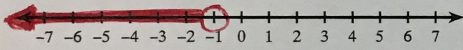
5)  $-2 > k$



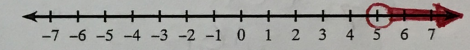
6)  $-5 \geq r$



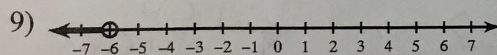
7)  $n < -1$



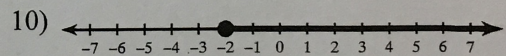
8)  $n > 5$



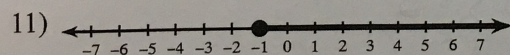
Write an inequality for each graph.



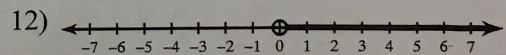
$x < -6$



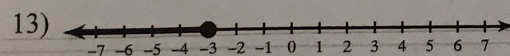
$x \geq -2$



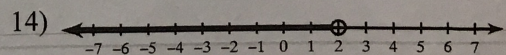
$x \geq -1$



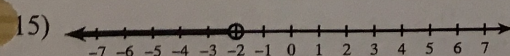
$x > 0$



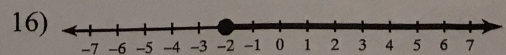
$x \leq -3$



$x < 2$



$x < -2$



$x \geq -2$



Solve each inequality.

17)  $b + 5 \geq 8$

$b \geq 3$

19)  $26 \leq 20 + x$

$6 \leq x$

21)  $m - 4 < 1$

$m < 5$

23)  $-17r < 204$

$r > -12$

25)  $-91 < 13n$

$-7 < n$

27)  $13 \geq -\frac{x}{-6}$

$-78 \geq x$

29)  $7 < -3 + \frac{r}{2}$

$20 < r$

31)  $-5 \leq 3 + \frac{b}{5}$

$-10 \leq b$

33)  $5 \geq 9 + \frac{k}{2}$

$-8 \geq k$

35)  $-84 < -7(k+5)$

$7 > k$

37)  $-141 < 4(1-5x) - 5$

$7 > x$

18)  $14 \leq x + 16$

$-2 \leq x$

20)  $17 + k > 8$

$k > -11$

22)  $28 < 20 + k$

$8 < k$

24)  $\frac{k}{-10} < 9$

$k > -90$

26)  $-10 > \frac{k}{10}$

$-100 > k$

28)  $-112 \leq 16x$

$-7 \leq x$

30)  $-9(n-2) > -162$

$n < 20$

32)  $\frac{-7+p}{12} > -1$

$p > -5$

34)  $\frac{-3+v}{9} \leq 1$

$v \leq 12$

36)  $6(-4n+4) > 216$

$n < -8$

38)  $7(7n+6) - 3n > -234$

$n > -6$

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