For the following inequalities, solve and graph each.

1. $a-3>-2$ or $4 a \leq-16$
2. $10 \geq 6+2 r>6$
3. $\quad 1-7 x>71$ or $2 x-1>11$
$6 a+10>34$ or $-1-7 a>-15$
4. 

$$
1+4 x \geq 1-9 x \text { and } 6 x+9 \geq 5+7 x
$$

5. 

$5 v-7<3+4 v \leq 6 v-5$
6.
$2 x+4 \leq 3 x-1$ or $-x+8 \geq-7+4 x$
7.

$$
9 b+7 \leq 6 b+1 \text { or } 10 b+1>4+7 b
$$

8. 

$$
-3 x+5 \leq-5 x+9 \leq 3 x+1
$$

9. 

Write the inequality for the following graphed solutions.


