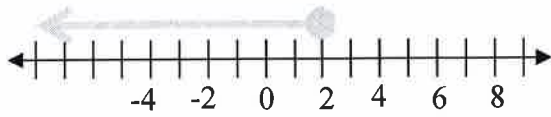## 3-1 Inequalities and Their Graphs
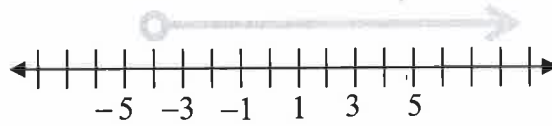
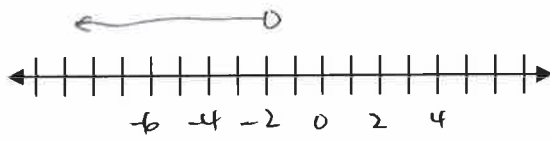**Write the inequality represented by each graph**

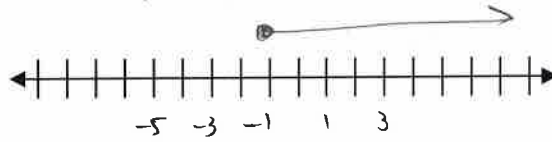1.

$x \leq 2$

2.

$k > -4$

Graph each inequality.

3. $-2 > f$ so $f < -2$

4. $n \geq -1$

5. Define a variable and write an inequality to model this situation: A person must be at most 35 years old to participate in a certain medical study.

Let a = age of person in years

$a \leq 35$