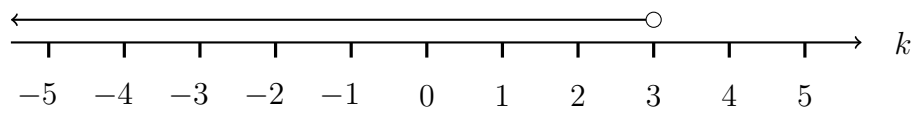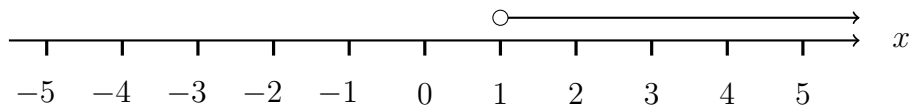1. Here is an inequality, in k, shown on a number line.

Write down the inequality.

1. ....

2. Here is an inequality, in x, shown on a number line.
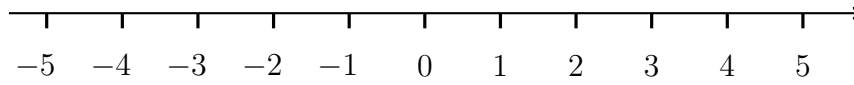

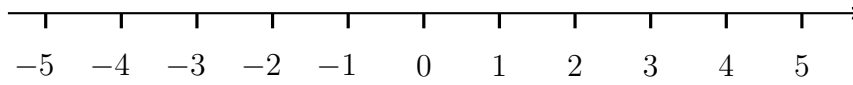Write down the inequality.

2. ....

3. y is an integer such that $\quad y \leqslant 3$

   Show this inequality on the number line

   ```
    ├───┼───┼───┼───┼───┼───┼───┼───┼───┼──→
   -5  -4  -3  -2  -1   0   1   2   3   4   5
   ```

4. k is an integer such that $\quad k < -1$

Show this inequality on the number line

$$-5 \quad -4 \quad -3 \quad -2 \quad -1 \quad 0 \quad 1 \quad 2 \quad 3 \quad 4 \quad 5$$

Answers

1. $k < 3$ or $3 > k$

2. $x > 1$ or $1 < x$

3. ● at 3 and line to at least -5 and number line labelled y

4. ○ at -1 and line to at least -5 and number line labelled k