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

Write down the inequality.
2. ...............
3. $m$ is an integer such that $m>0$

Show this inequality on the number line

| $\mathbf{1}$ | $\mathbf{1}$ | $\mathbf{1}$ | $\mathbf{1}$ | $\mathbf{1}$ | $\mathbf{1}$ | $\mathbf{1}$ | $\mathbf{1}$ | $\mathbf{1}$ | $\mathbf{1}$ | $\mathbf{1}$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| -5 | -4 | -3 | -2 | -1 | 0 | 1 | 2 | 3 | 4 | 5 |

3. Here is an inequality, in $n$, shown on a number line.

| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| -5 | -4 | -3 | -2 | -1 | 0 | 1 | 2 | 3 | 4 | 5 |

Write down the inequality.
3. ...............
inequality (5) answers: Q1 $x \leqslant 1$ or $1 \geqslant x \quad$ Q2 number line labelled $m$, $\circ$ at 0 and $\rightarrow$ to 5 Q3 $n<4$ or $4>n \quad$ Q4 $k<3$ or $3>k \quad$ Q5 $x<-2$ or $-2>x$
Q6 number line labelled $y$, $\circ$ at -3 and line to at least 5

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


Write down the inequality.

1. ..............
2. $m$ is an integer such that $m>0$

Show this inequality on the number line

3. Here is an inequality, in $n$, shown on a number line.


Write down the inequality.
3. ...............
4. Here is an inequality, in $k$, shown on a number line.


Write down the inequality.
4. $\qquad$
5. Here is an inequality, in $x$, shown on a number line.


Write down the inequality. $\qquad$
6. $y$ is an integer such that $-3<y$

Show this inequality on the number line

| $\mathbf{1}$ | $\mathbf{1}$ | $\mathbf{1}$ | $\mathbf{1}$ | $\mathbf{1}$ | $\mathbf{1}$ | $\mathbf{1}$ | $\mathbf{1}$ | $\mathbf{1}$ | $\mathbf{1}$ | $\mathbf{1}$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| -5 | -4 | -3 | -2 | -1 | 0 | 1 | 2 | 3 | 4 | 5 |

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


Write down the inequality.
5. Here is an inequality, in $x$, shown on a number line.


Write down the inequality. $\qquad$
6. $y$ is an integer such that $-3<y$

Show this inequality on the number line

| 1 | 1 | , | 1 | 1 | , | 1 | 1 | 1 | 1 | 1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| -5 | -4 | -3 | -2 | -1 | 0 | 1 | 2 | 3 | 4 | 5 |

$\qquad$

