| Representing Double Inequalities | | | |
|---|--|---|--|
| (a) | (b) | (c) | (d) |
| Write down all the integers that satisfy the inequality $2 \le x \le 5$ | Write down all the integers that satisfy the inequality $1 < x \leq 4$ | Write down all the integers that satisfy the inequality $-1 \leq x < 3$ | Write down all the integers that satisfy the inequality $-4 < x < 1$ |
| (e) | (f) | (g) | (h) |
| Write down the inequality shown. | Write down the inequality shown. | Write down the inequality shown. | Write down the inequality shown. |
| 0 1 2 3 4 5 6 | 0 1 2 3 4 5 6 | -3 -2 -1 0 1 2 3 | O O O O O O O O O O O O O O O O O O O |
| (i) | (j) | (k) | (1) |
| Show the inequality $1 < x < 6$ on the number line. | Show the inequality $0 \le x < 3$ on the number line. | Show the inequality $1 \le x \le 3$ on the number line. | Show the inequality $2 < x \le 5$ on the number line. |
| 0 1 2 3 4 5 6 | 0 1 2 3 4 5 6 | 0 1 2 3 4 5 6 | 0 1 2 3 4 5 6 |
| (m) | (n) | (0) | (p) |
| Show the inequality $-1 \le x \le 3$ on the number line. | Show the inequality $-3 \le x < 0$ on the number line. | Show the inequality $-2 < x < 2$ on the number line. | Show the inequality $-1 < x \le 1$ on the number line. |
| -3 -2 -1 0 1 2 3 | -3 -2 -1 0 1 2 3 | -3 -2 -1 0 1 2 3 | -3 -2 -1 0 1 2 3 |