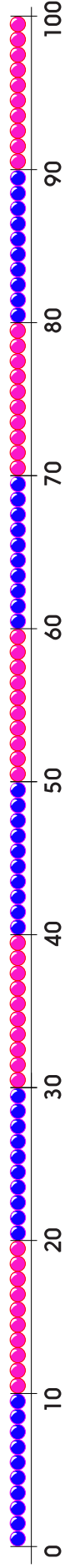


# Finding inequalities

## Sheet 1



Mark each number on your beaded line. Suggest a number that it is greater than and a number that it is less than.

| Number to mark on beaded line | My number is greater than > | My number is less than <   |
|-------------------------------|-----------------------------|----------------------------|
| 22                            | $22 > 19$                   | $22 < 25$                  |
| 47                            |                             |                            |
| 35                            |                             |                            |
| 51                            |                             |                            |
| 26                            |                             |                            |
| 39                            |                             |                            |
| 14                            |                             |                            |
|                               | <input type="text"/> > 93   | <input type="text"/> < 100 |
|                               | <input type="text"/> > 71   | <input type="text"/> < 72  |

### Challenge

Suggest two numbers for the last two rows.

# Finding inequalities

## Sheet 2



Mark the numbers on the landmarked line and complete the table.

Suggest some more of your own for the last four rows.

| Number to mark on beaded line | My number is greater than > | My number is less than <  | My number lies between these multiples of 10: |
|-------------------------------|-----------------------------|---------------------------|---|
| 62                            | $62 > 52$                   | $62 < 65$                 | 60 and 70                                     |
| 57                            |                             |                           |   |
| 14                            |                             |                           |   |
| 81                            |                             |                           |   |
| 45                            |                             |                           |   |
| 26                            |                             |                           |   |
| 73                            |                             |                           |   |
| 39                            |                             |                           |   |
| 98                            |                             |                           |   |
| <input type="text"/>          |                             |                           |   |
| <input type="text"/>          | <input type="text"/> > 76   | <input type="text"/> < 83 |   |
| <input type="text"/>          |                             |                           |   |
|                               |                             |                           | 110 and 120                                   |

### Challenge

Try to create a loop using alternate < and > signs so that the start and finish numbers are the same, e.g.

$$23 < 32 > 21 < 23$$