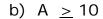
Solving Equations and Inequalities - Step-by-Step Lesson

a) Is v = 8 a solution to the inequality below?

v < 6



Which value for A would make the inequality true?

- i) 5
- ii) O
- iii) 12
- iv) 9

Explanation:

a) Place 8 into the inequality in the place of v.

v < 6

8 < 6

As we know that 8 is greater than 6 and sign between 8 and 6 is less than.

This means it is false that 8 < 6. So, v = 8 is not a solution

b) Put the value of A = 12 into the inequality.

A = 12

12 <u>></u> 10

It is true that $12 \ge 10$. All the other numbers are less than 10.

So the answer is iii.