A Mira- The Dragon Slayer

Once upon a time, there was a super hero called Mira who protected the whole country from the attack of a powerful dragon. Peace is short. The dragon now comes back! In order to eliminate latent danger, Mira decides to slay the dragon. However he does not know whether his status is enough to do so.

We suppose that there are three steps in one turn:

1) Mira attacks
2) Dragon attacks.
3) Dragon restores part of its HP.

When either the HP of Mira or Dragon becomes zero or negative, the battle ends. If dragon's HP becomes zero or negative, the battle will be considered successful. Otherwise it fails.

Now given the HP and attack point of Mira, HP, attack point and restoration per turn of the dragon, please write a program to calculate whether Mira can slay the dragon or not.

Input:

Each test case contains a single line with 5 integers (separated by space) in order of Mira's HP, Dragon's HP, Mira's attack point, Dragon's attack point and points of HP that the dragon will restore in each turn. Each integer is in the range of 1<=x<=5000.

Output:

For each test case, output “Yes” if Mira can slay the dragon. Or “No” instead(in a single line).

Sample input	Sample output
50 50 10 10 2 10 50 10 6 2 50 50 60 10 50 42 57 20 5 21	No No Yes No