Consider an arithmetic expression of the formA#B=C. Check whether it is possible to replace #with one of the four signs: +, -, \* or / to obtain a correct expression.

**Example**

* For A = 2, B = 3 and C = 5, the output should be  
  arithmeticExpression(A, B, C) = true.

We can replace # with a + to obtain 2 + 3 = 5, so the answer is true.

* For A = 8, B = 2 and C = 4, the output should be  
  arithmeticExpression(A, B, C) = true.

We can replace # with a / to obtain 8 / 2 = 4, so the answer is true.

* For A = 8, B = 3 and C = 2, the output should be  
  arithmeticExpression(A, B, C) = false.
  + 8 + 3 = 11 ≠ 2;
  + 8 - 3 = 5 ≠ 2;
  + 8 \* 3 = 24 ≠ 2;
  + 8 / 3 = 2.(6) ≠ 2.

So the answer is false.

**Input/Output**

* **[time limit] 3000ms (cs)**
* **[input] integer A**

*Constraints:*  
1 ≤ A ≤ 10.

* **[input] integer B**

*Constraints:*  
1 ≤ B ≤ 10.

* **[input] integer C**

*Constraints:*  
0 ≤ C ≤ 10.

* **[output] boolean**

true if the desired replacement is possible,false otherwise.

<https://codefights.com/arcade/code-arcade/at-the-crossroads/QrCSNQWhnQoaK9KgK>

static bool arithmeticExpression(int A, int B, int C)

{

if (A + B == C) return true;

if (A - B == C) return true;

if (A \* B == C) return true;

if ((double)A / (double) B == C) return true;

return false;

}