

Algorithm?

1. Start
2. Read value for x_1, y_1, x_2, y_2
3. $x_3 = (x_1 \times x_2) + (x_2 \times y_1)$
4. $y_3 = (y_1 + y_2)$
5. if $(x_3 > y_3)$ // if $(x_3 > y_3)$ becomes false goto step 5.1

$div = y_3$
- 5.1 else

$div = x_3$
6. for $(i = div ; i > 0 ; j--)$ // if this condition becomes false goto step 7
 {
 6.1 if $(x_3 \% i == 0 \ \&\& \ y_3 \% i == 0)$
 {

$x_3 = x_3 / i$

$y_3 = y_3 / i$

 }
 }
 }
7. print "Sum of given 2 fraction is"
8. stop

Flowchart:

