x = cost of normal burger
y = cost of premium burger
r = rupees chef have
n = burger no that he want to buy.

if(r/x < n)
cout -1

x	y	n	r
99	100	5	10

$\frac{10}{99} < 5$

else if (r/y >= n)
cout 0 n

x	y	n	r
9	10	10	200

$\frac{200}{10} >= 10$

else.
if(y > 0){
cout n-ans ans.
else n 0

$x+y=n$
$xa+yb \leq r$
$xa+ya=an.$

$yb-ya=d-an$

2 10 4 12

ans. $y = \frac{r-an}{b-a}$

$y = \frac{r-an}{b-a}$

$= \frac{12-2\times4}{10-2} = \frac{4}{8} = 0$

4-0=4

4 8 10 50

$= \frac{50 - 40}{4} = \frac{10}{4} = 2.$

$10 - 2 = 8$

so output 8 2.

99 100 5 10

$= \frac{10 - 495}{1} = \frac{-395}{1} = -1$

9 10 10 200

$= \frac{200 - 90}{1} = \frac{110}{1} = 10$

$10 - 10 = 0$

so output 0 10