

Q. 설탕 배달. N 키로그램을 배달해야 할 때,
3kg, 5kg 최대한 작은 봉지는 들고간다.

ex) $N=10$, $\underline{10-5-5}$. 2개
 $N=14$, $\underline{14-5-3-3-3} = 4개$
 $\quad \quad \quad 9 \quad \cancel{10, 3, 10}$

$14-5=9-5=\textcircled{4}$
 $\quad \quad \quad \swarrow$
 $\quad \quad \quad 3+3+4 \times$

$5+3=\textcircled{8}$

$7 = 5, 3 \times$
 $\quad \quad \quad \downarrow \times$
 $\quad \quad \quad 11 = 3+3+5 = \textcircled{11}$

$3, 5 \text{ only } \times$

$\cancel{1, 2, 4, 6, 7, 9, 11, 13, 14, 16, 17 \dots}$
 $\quad \quad \quad \downarrow \quad \downarrow \quad \downarrow \quad \downarrow \quad \downarrow$
 $\quad \quad \quad 3 \times \quad 2 \times \quad 2 \times \quad 2 \times \quad 2 \times$
 $\quad \quad \quad \textcircled{8}$
 $\quad \quad \quad \text{until}$

~~30000
50000
60000~~

[illegible]

$$11: 3+3+5+5$$

13: 3+5+5

$$14 = 3 + 3 + 3 + 5$$

16: $3+3+5+5$

17) : $\underset{14}{2} + \underset{11}{2} + \underset{8}{3} + \underset{5}{3} + 5$

19 :

$\frac{13}{8}$

$5 + 5 + 3$

$(8, 2+3+3+3+)$

$5 \quad 12$

$3+3 =$

1, 2, 4, 7, 11, 13

$$x < 5 \quad x \geq 5 \rightarrow 3$$

11: $5 + 3 + 3$ $\textcircled{5=3}$

$$13: 5 + 5 + 3$$



11: 5.

$$11 \geq 5$$

8
654
321

$$14 : 5 + 5 + 3 +$$
~~$$9 + 5 + 6 + 8 +$$~~

	11
$11 \geq 8$	Y (1), 3
$6 \geq 8$	N
$6 ? 5, 3$ or 5?	Y 5 (3)
$3 : 5, 3$ or 5?	(3)

$$8 \leq 8, 11, 13, 14, 16, 17, 19, 22 \dots$$

$$8 \geq 8 ? \text{ Yes, } 8 = \overset{(1)}{5} + (?)$$

$$3 \geq 8 ? \text{ No,}$$

$$3 ? 5 \text{ or } 3 \text{ or } 5 \text{ or } 5 ? \text{ Yes,}$$

$$5 \text{ or } (3) ? \overset{(1)}{5} \overset{(2)}{3}$$

$$\therefore 8 = \overset{(1)}{5} + \overset{(2)}{3}$$

$$11 \geq 8 ? \text{ Yes, } 11 = \overset{(1)}{5} + (?)$$

$$6 \geq 8 ? \text{ NO,}$$

~~$$6 \geq 5, 3 ? \text{ Yes,}$$~~

$$6 ? 3 \text{ or } 5 \text{ or } 5 ? \text{ Yes,}$$

$$3 \text{ or } 5 ? (3)$$

$$11 = 5 + 3 + \textcircled{?}$$

$3 \geq 5$ or 3 ? YES.

3 or 5 or 10 or 11 ? $\textcircled{?}$

$$11 = 5 + 3 + \textcircled{3}$$

$0 \geq 5$ or 3 ? NO,
END.

$$N = 22$$

$22 \geq 0$? YES, $22 = 5 + \textcircled{?}$

-5 $17 \geq 0$? YES, $22 = 5 + 5 + \textcircled{?}$

-5 $12 \geq 0$? YES, $22 = 5 + 5 + 5 + \textcircled{?}$

-5 $7 \geq 0$? NO.

$$22 = \cancel{2} + \cancel{2} + 3 + \cancel{15}$$

$$\begin{array}{r}
 5+3+1+1+5+5+5 \\
 \hline
 19 \quad 16 \quad 13
 \end{array}$$

3 points
5 points
5 points

22 / 3.5. points?

$$\begin{array}{r}
 3 \\
 \hline
 19
 \end{array}$$

No
19. points x

$$\begin{array}{r}
 3 \\
 \hline
 16
 \end{array}$$

18: 3+3+3+3+3+3
13 points x 3+5+5+5

$$\begin{array}{r}
 3 \\
 \hline
 13
 \end{array}$$

13 points x

$$\begin{array}{r}
 3 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 \hline
 10 \text{ points } 0
 \end{array}$$



$\overbrace{(15) (16) (17)}^{22}$ 18 19 20 21

22 = 3, 5, 8 out? No.

22 - 3 = 19 out?
 3 out? No.

$\begin{array}{r} 22 \\ - 3 \\ \hline 19 \end{array}$ out? NO
 3 out?

$\begin{array}{r} 19 \\ - 3 \\ \hline 16 \end{array}$ out? NO
 3 out?

$\begin{array}{r} 16 \\ - 3 \\ \hline 13 \end{array}$ out? NO
 3 out?

$\begin{array}{r} 13 \\ - 3 \\ \hline 10 \end{array}$ out? Yes
 3 out?

11 = 3, 5, 8 out? X

11 - 3 = 8 out?
 3 out? NO

$\Rightarrow 11: 3 + 8$

5 second - 10

2015

18

~~3 didn't~~ ~~5 didn't~~ Yes.

18
3
15
5
5.5

9

50000! X

93

$\frac{9}{3}$ 6501000000. X.

33

$\frac{1}{3}$ ~~solow?~~

233

$N=8$: 50005? X

$\frac{-8}{3}$ 50000?

1 2 3 4 5 6 ~~7~~ 8?

10. 11.

$\frac{-11}{3}$ 50005?

~~$4 \geq 5?$~~

5

13

14

3

3

3

15

3

3

17

3

3

2

18 5 elements?

15 5 elements? 0

5 3
5 5

772: 1 2 3 4 5 6 7

N

↓

5 elements? →

N-3 =

↓

N/5 =

↓

return

↓

↓

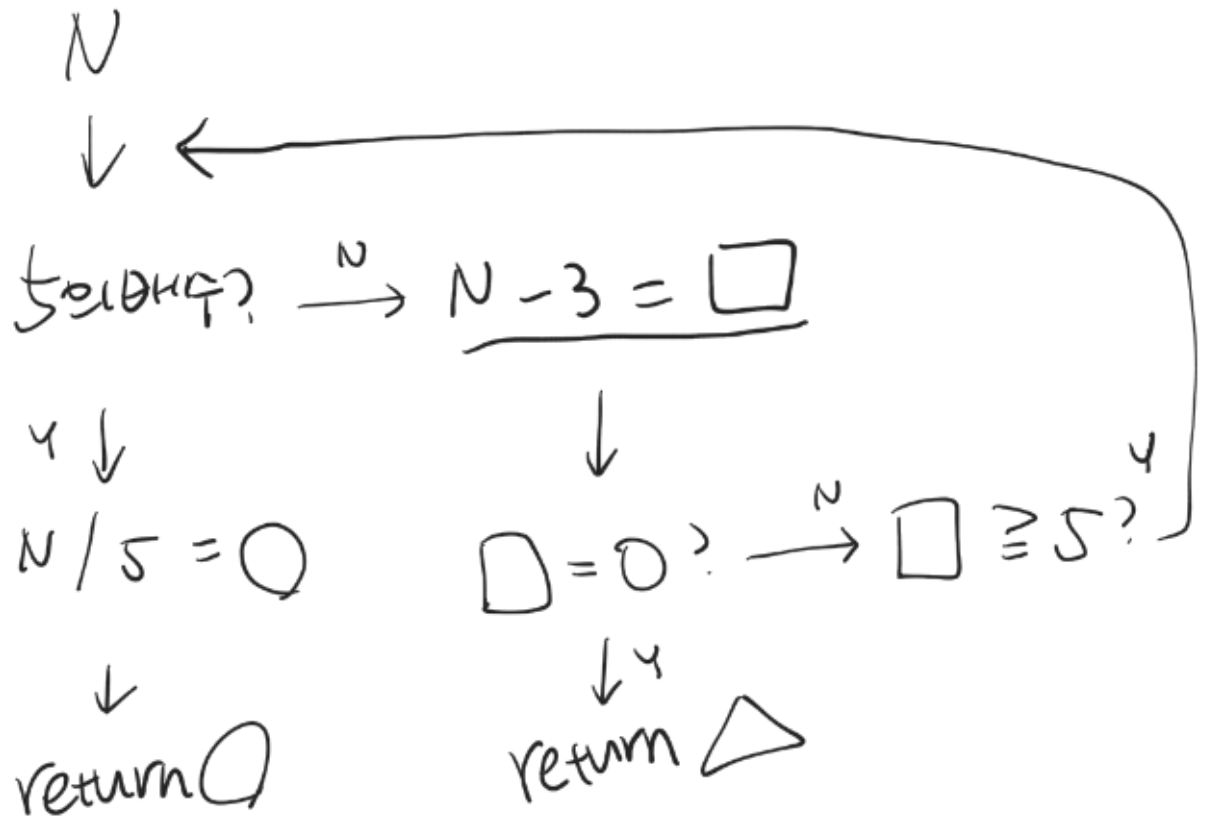
return

0 ≥ 5?

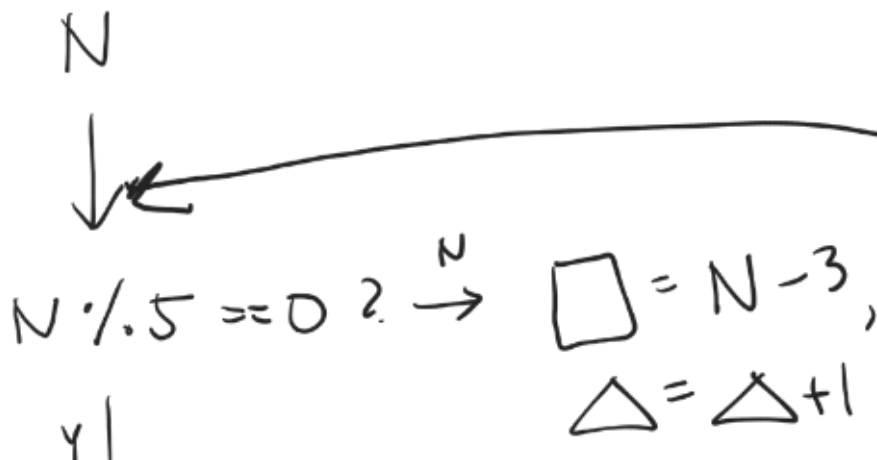
0 elements? No.

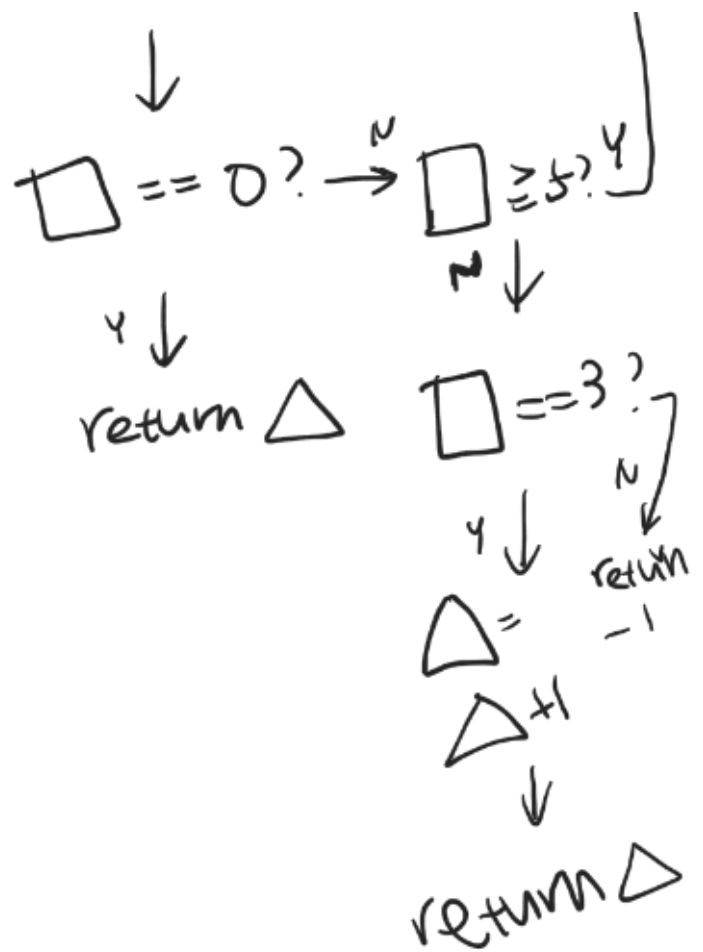
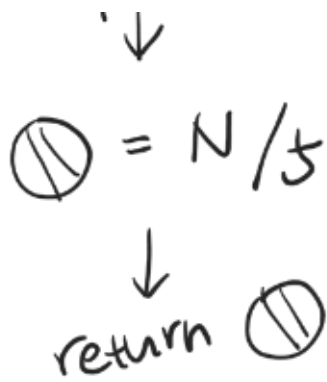
~~1 2 4?~~
↓ yes
return 1

0 or 3?
return 1



$\bigcirc = 0$; - num Div five
 $\square = 0$; - num Insum Three
 $\triangle = 0$; - num I





Sum = return
 $\textcircled{||} + \triangle$
 1, 2, 3, 4

for ~~$(num) = 0/2/4$~~ , $num < 5$,
 ~~num~~

1-14:  027 - 3662
 027 - 2124

white
do white
5인 36인 2인

white
5인 10인 5인 2인
 ?

3 3 3 5 5
~~5 5 5 5~~
~~15~~

2 2
 3

17
 5 17 12
 22: 5 + 5 + 3 + 3 + 3 + 3
 , 16 13

$$2/ : 5 + \cancel{10} + 3 + 0$$

$$5 + 5 + 5 + 3$$

마지막 수정: 오후 2:29