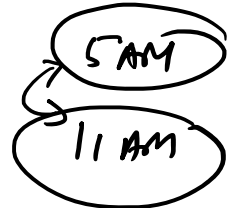


REASONING Section



- (i) Diagram
 - (ii) Logic Based
 - (iii) Analytical...
- ↑ ← ↓
- full logic
sub logic

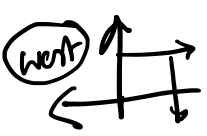


A person takes

43736724563 298376789445371
 4373672
 43736724563 298376789445371
 43736724563 298376789445371
 4563 2983767894453(71)

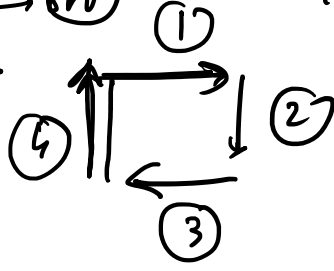
3000

1500



8 16

8 321



43 / 4371 / 71
73 / 4 → 1 → 3

-1
-2
...

$$y = \frac{2x + 7}{2}$$

$x \in$ Natural number
 $x = 1, 2, 3, 4, \dots$

GLB

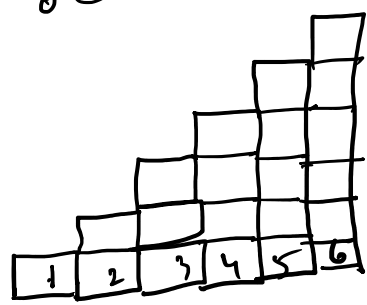
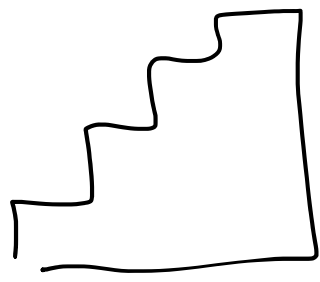
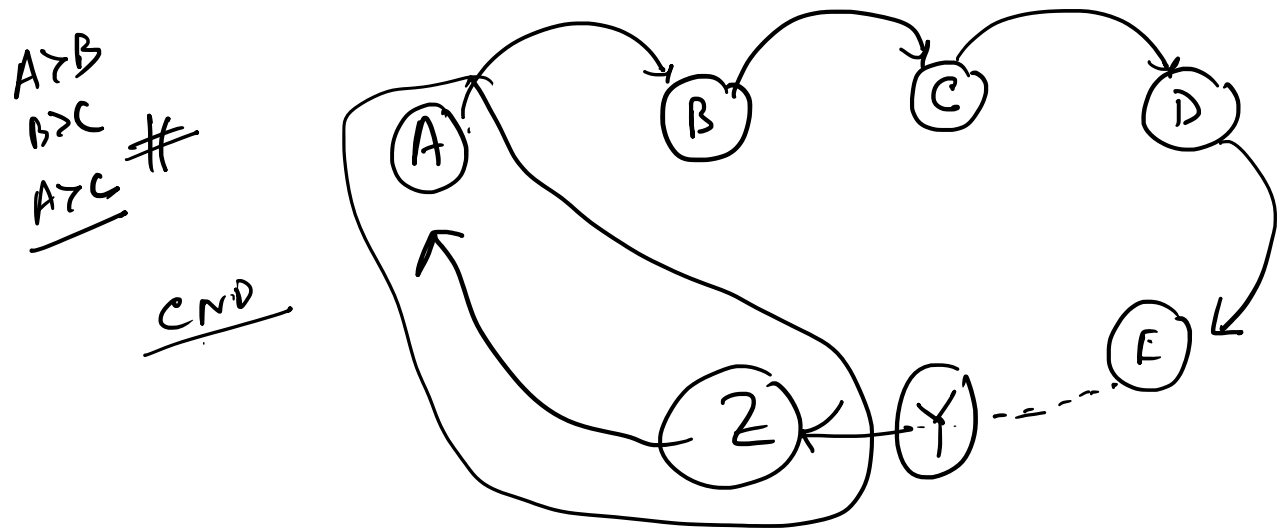
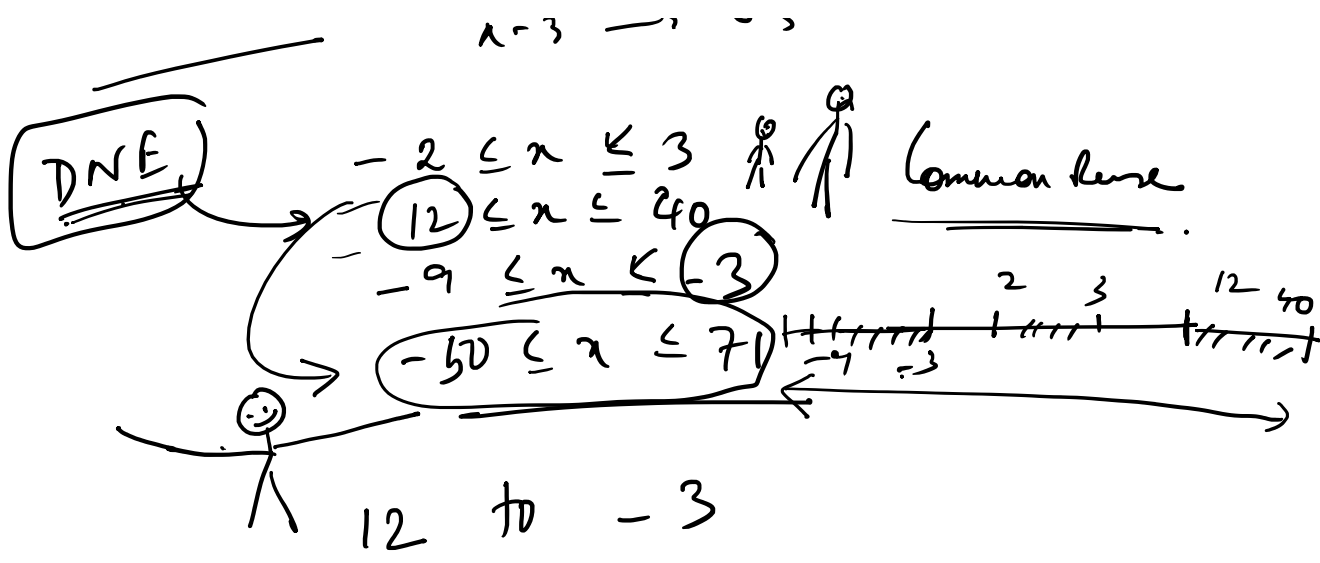
- $-\infty < x < 76$
- $2 < x < 373$
- $-40 < x < 72$
- $-15 < x < 1220$

Common Range

max, min value.
4.5

$$y = \frac{2x}{2} + \frac{7}{2} = (x + 3.5)$$

$x=1 \rightarrow 4.5$
 $x=2 \rightarrow 5.5$
 $x=3 \rightarrow 6.5$
 $\dots \rightarrow \infty + 3.5 \rightarrow \infty$



God's Problem..

$1 \rightarrow 1$
 $2 \rightarrow 3$
 $3 \rightarrow 6$
 $4 \rightarrow 10$
 $5 \rightarrow 15$
 $6 \rightarrow 21$
 $7 \rightarrow 28$

9744

Total Bricks

Even odd

$1 + 2 + 3 + \dots$
 $n [2a + (n-1)d]$

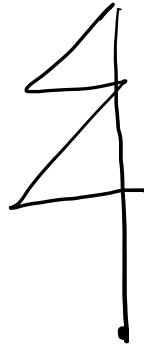
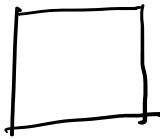
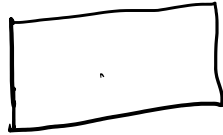
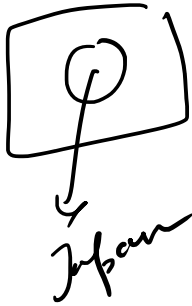
2
3

5/8/5

1 → 1
2 → 3
3 → 6
4 → 10
5 → 15
6 → 21
7 → 28
8 → 36

odd $\frac{n}{2} [2a + (n-1)d]$
77(44) Even

9 → 45
10 → 55
11 → 66
12 → 78



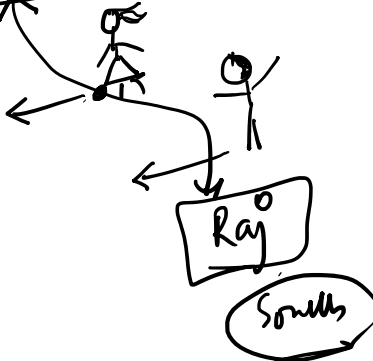
Nepal
2015



Hard of Bridge



52
(4) → (13)
9 AM
12 noon X
5 PM X
12 Midnight X



Guessing Game

$\times 48000$
 $\sqrt{24000}$
 $\sqrt{22000}$
 $\times 72000$
1200
~~1200~~
 $\sqrt{24-25000}$
 $\sqrt{67000}$

Lexicon / Dictionary

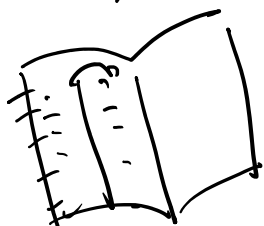


$1200 \times 14 = 16800$

$1200 \times 16 = 19200$

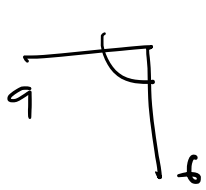
$1200 \times 20 = 24000$

(7)
(14)

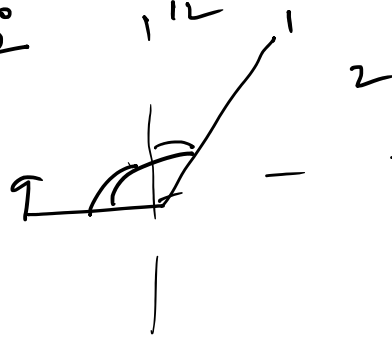


8500
17000p
1
kcb

$\frac{170000}{2\phi}$



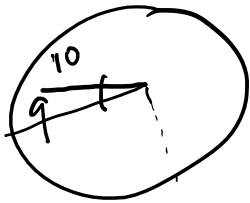
120°



9:05

7:27

Analyse



$$\begin{aligned} & \frac{1}{2} | 60H - 11M | \\ & = \frac{1}{2} | 60 \times 9 - 11 \times 45 | \\ & = \frac{1}{2} | 540 - 495 | \end{aligned}$$

9:45

11:59

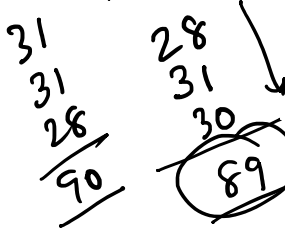
$= \frac{45}{2} = 22.5^\circ$

9:30

$$\begin{aligned} & \frac{1}{2} | 60 \times 9 - 11 \cdot 30 | \\ & = \frac{540 - 330}{2} \end{aligned}$$

$= \frac{210}{2} = 105^\circ$

Feb-28



15676000 see \rightarrow HR
In Days

$$\frac{3600}{60 \times 60 \times 24 \times (28)}$$

CMD

28, 30, 30

88 ✓

23-03-2023

THURSDAY

Wed

23-03-2043

THU??

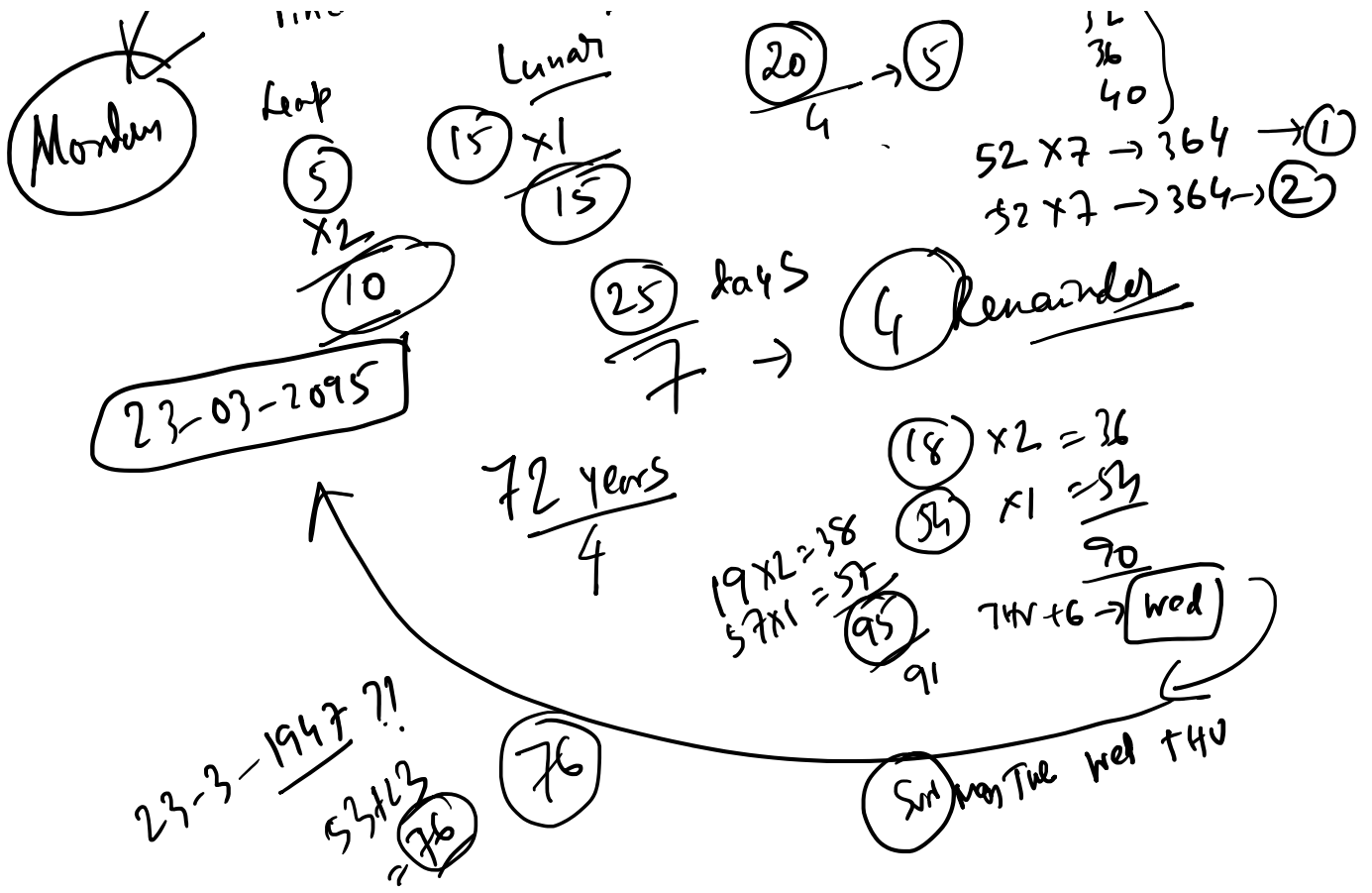
#

find
comb

Lunar

(20) \rightarrow (5)

24
28
32
36
40



8

1. Tanya is older than Eric.
Cliff is older than Tanya.
Eric is older than Cliff.
If the first two statements are true, the third statement is

true
 false
 uncertain

2. Blueberries cost more than strawberries.
Blueberries cost less than raspberries.
Raspberries cost more than strawberries and blueberries.
If the first two statements are true, the third statement is

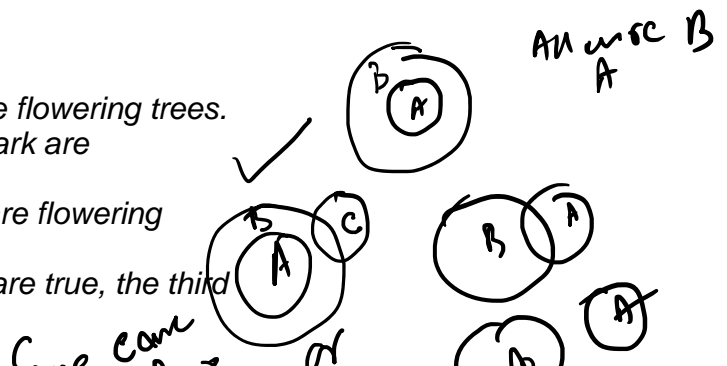
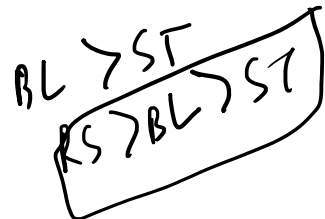
true
 false
 uncertain

3. All the trees in the park are flowering trees.
Some of the trees in the park are dogwoods.
All dogwoods in the park are flowering trees.

If the first two statements are true, the third statement is

true

e) T Y E



If the first two statements are true, the third statement is
true
false
uncertain

4.

Mara runs faster than Gail.

Lily runs faster than Mara.

Gail runs faster than Lily.

If the first two statements are true, the third statement is

true

false

uncertain

5.

Apartments in the Riverdale Manor cost less than apartments in The Gaslight Commons.

Apartments in the Livingston Gate cost more than apartments in the The Gaslight Commons.

Of the three apartment buildings, the Livingston Gate costs the most.

If the first two statements are true, the third statement is

true

false

uncertain

