Let's stort at 9:02 - 9:04PM

L52 Number Theory Problem Solving - 1

Join Discord - https://bit.ly/ly-discord

RECAP

1. Min Deletions



A)
$$g_t \ge 10$$
 C) $g_t > 10$

B) $g_t \le 10$ D) $g_t < 10$

E) Don't know

c) gf > 10

LearnYard

gt = gcd (g. On)

a mis

gcd

a number

god



2. Sup Pow



$$20000 + 1000 + 500 + 30 + 4$$

$$\Rightarrow 0$$



(a+a), m = (a/m) +(a/m))2. m (a+0 00000 0) ((a+111) +(a+111) + (a+111) + (a $\begin{pmatrix} a \end{pmatrix}$ 7. $m \Rightarrow \begin{pmatrix} a \gamma \cdot m \end{pmatrix}$ y. m

$$\begin{array}{l} (a + 2) = (a + 2) + (a + 3) +$$

U LearnYard

3. Largest GCD

N25
$$[3, 14, 15, 7, 9]$$

$$[4, 15) \Rightarrow 1 | (6, 3) \Rightarrow 1$$

$$(14, 2) \Rightarrow 7 | (15, 9) \Rightarrow 3$$

$$[4, 9) \Rightarrow 1 | (7, 9) \Rightarrow 1$$

$$(3,14) \Rightarrow 1$$

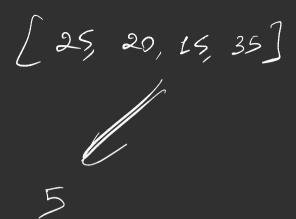
 $(3,15) \Rightarrow 3$
 $(3,7) \Rightarrow 1$
 $(3,9) \Rightarrow 3$

1 to 10 = and $3 \left(\frac{1}{2}, \frac{106}{3} \right)$ (5) 5/10/15/20--



N25 [3, 14, 15, 7, 9] gcd 215 => 1 gd = 34 2) 1 12 20 20

7:1 LS:1 14:1 3 > 1



Thank You!

Reminder: Going to the gym & observing the trainer work out can help you know the right technique, but you'll muscle up only if you lift some weights yourself.

So, PRACTICE, PRACTICE!

