(22) 28 julio 2096 → 30 Agosto 2096 → 30 agosto 2100

Sábado $\xrightarrow{+5}$ Jueves $\xrightarrow{+4}$ ∴ Jueves

$\begin{matrix} J = 3 \\ A = 30 \\ \hline 33 \end{matrix} \Big| \begin{matrix} 7 \\ \hline 4 \end{matrix}$

(5)

(24)

(13 = 1pm)

9am — $\frac{x}{4}$ — 1 — $10-x$ — 7pm

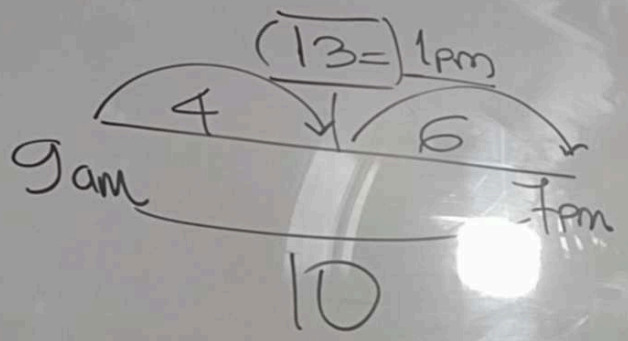
9am → 19H : 10

$\frac{x}{2} = \frac{10-x}{3}$

$3x = 20 - 2x$

$5x = 20$

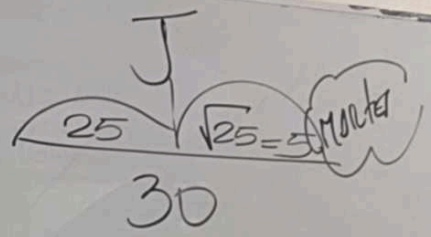
$\boxed{x = 4}$



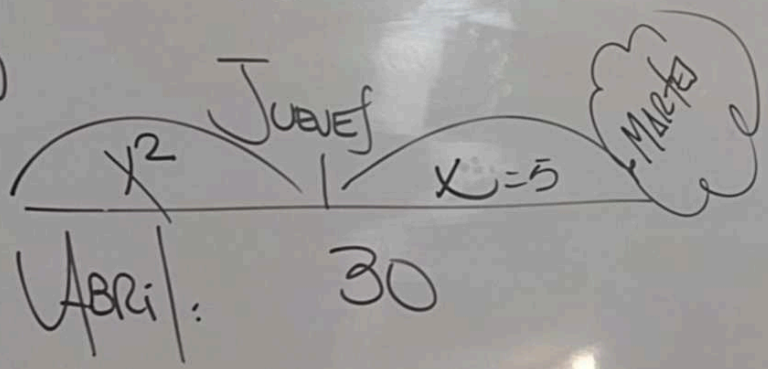
$x^2 + x = 30$

$x(x+1) = 5(6)$

$x = 5$



25)



26)

$1 \times 3 \times \ldots \times 5 \times \ldots \times 29 = \sqrt{\ldots ab}$

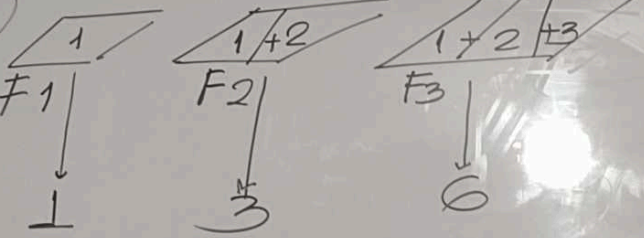
impar

$a+b=7$

$(\ldots 5)^2 = (\sqrt{\ldots ab})^2$

$\ldots 25 = \ldots ab$

(28)



$F_{25} = 1+2+3+\dots+25$

$\frac{25(26)}{2} = 325$

(29)

AMY = 6 = 1x2x3

NANCY = 120 = 1x2x3x4x5

MIRIAM = 1x2x3x4x5x6 = 720

KUNES = 6 = 2.3
MARTES = 8 = 2.4
MIERCOLES = 20 = 4x5

(30)

30M + 42N = 32M + 38N

4N = 2M

30(2N) + 42N = M

102N

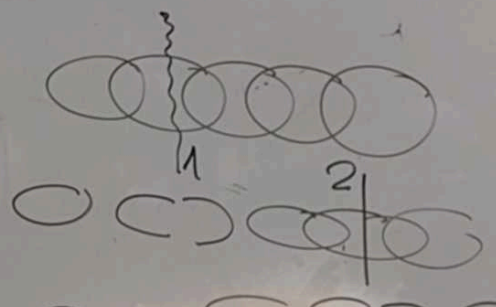
38N

31) 1kg

4 → ×12 → 48

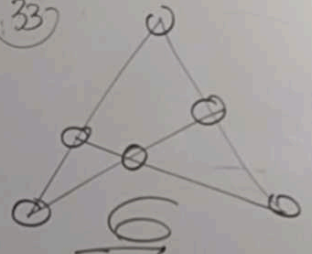
60 → ×8 → 48

32)



$2(4) = 8$

33)



6

34) 3 mismo color

$2(2) + 1$

5

39

$\frac{6000}{20} \cdot \frac{6000}{50}$

+30

300 — 120

180

40

$\frac{400}{10} \quad \frac{400}{8}$

Nº amigos — Paseo

−2

50 — 40

10

21

$\frac{36°}{360}$ (10%)

	1	1	1
1	2	3	4
1	3	6	1
A			

400

8

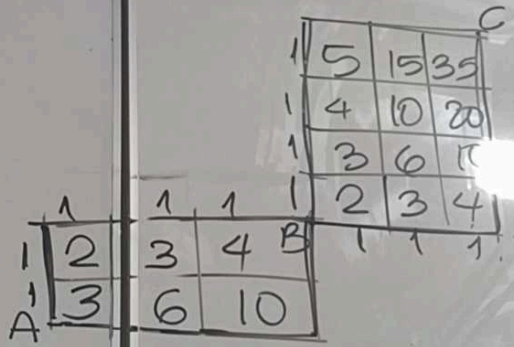
Paseo

40

36° 10%

360°

21



10 × 35

350

20

20

10%

LETRAS

36°

80

CIENCIAS

40%

50%

INGEN.

100

25

25%

25

0

25%

I. F

30%

I. S

20% → 20

30

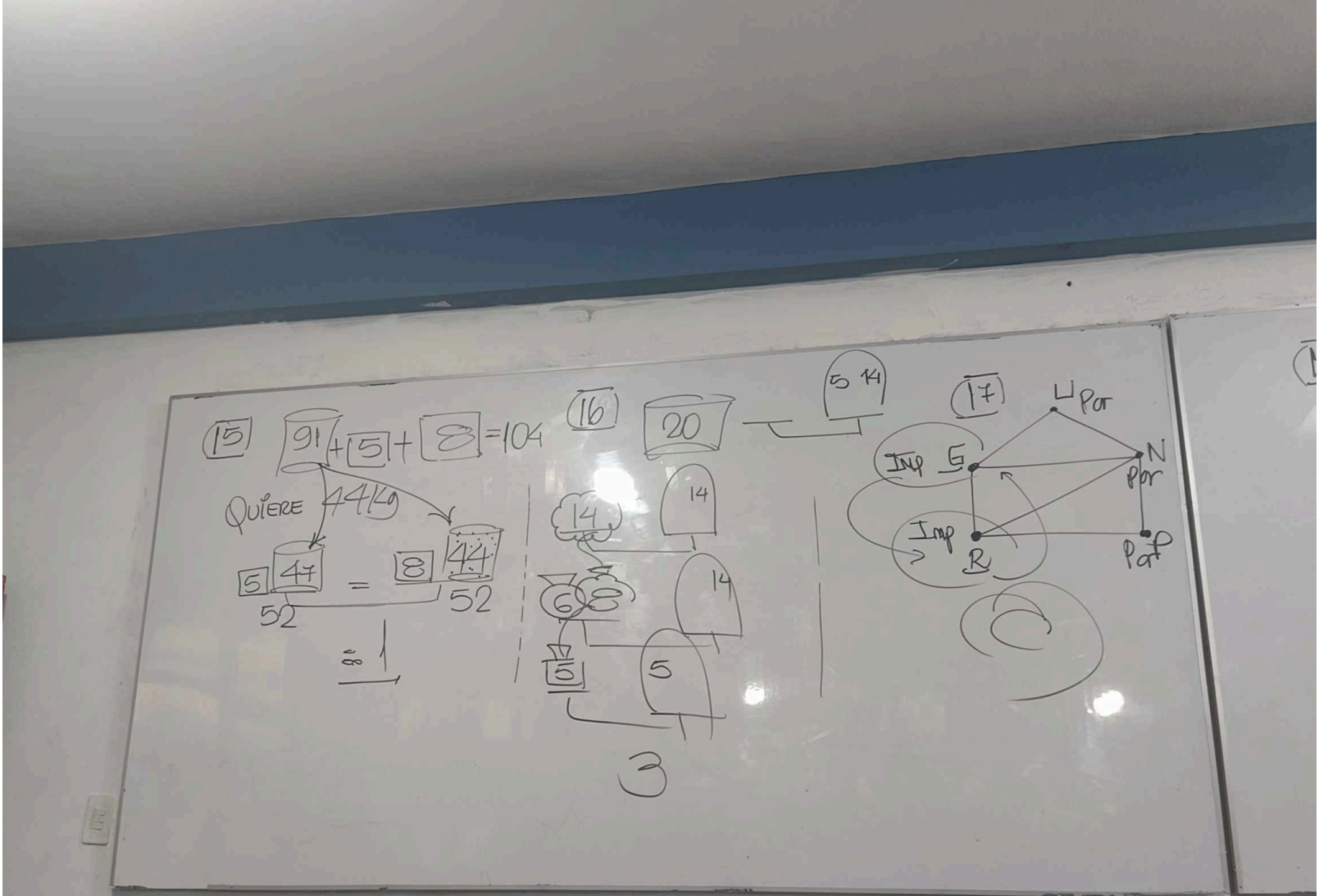
(I) F

(II) $20 = \frac{2}{3}(30)$

(V)

(III) $\frac{25}{80} = \frac{5}{16}$

(Solo II)

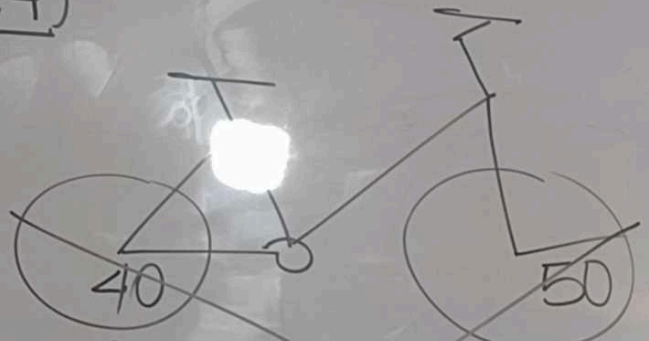

15
91 + 5 + 8 = 104
QUIERE 4414
5 47 = 8 44
52 52
= 1
16
20
5 14
14
14
14
68
5
5
3
17
Upar
Inp G
N par
Inp R
Paf

N

Par

Paf

(14)



A

4(2)

8

B

5(2)

10

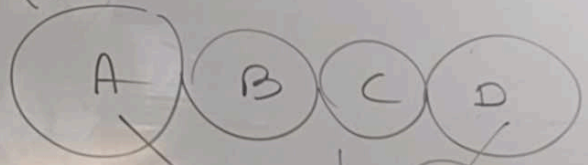
400

+

400

800π

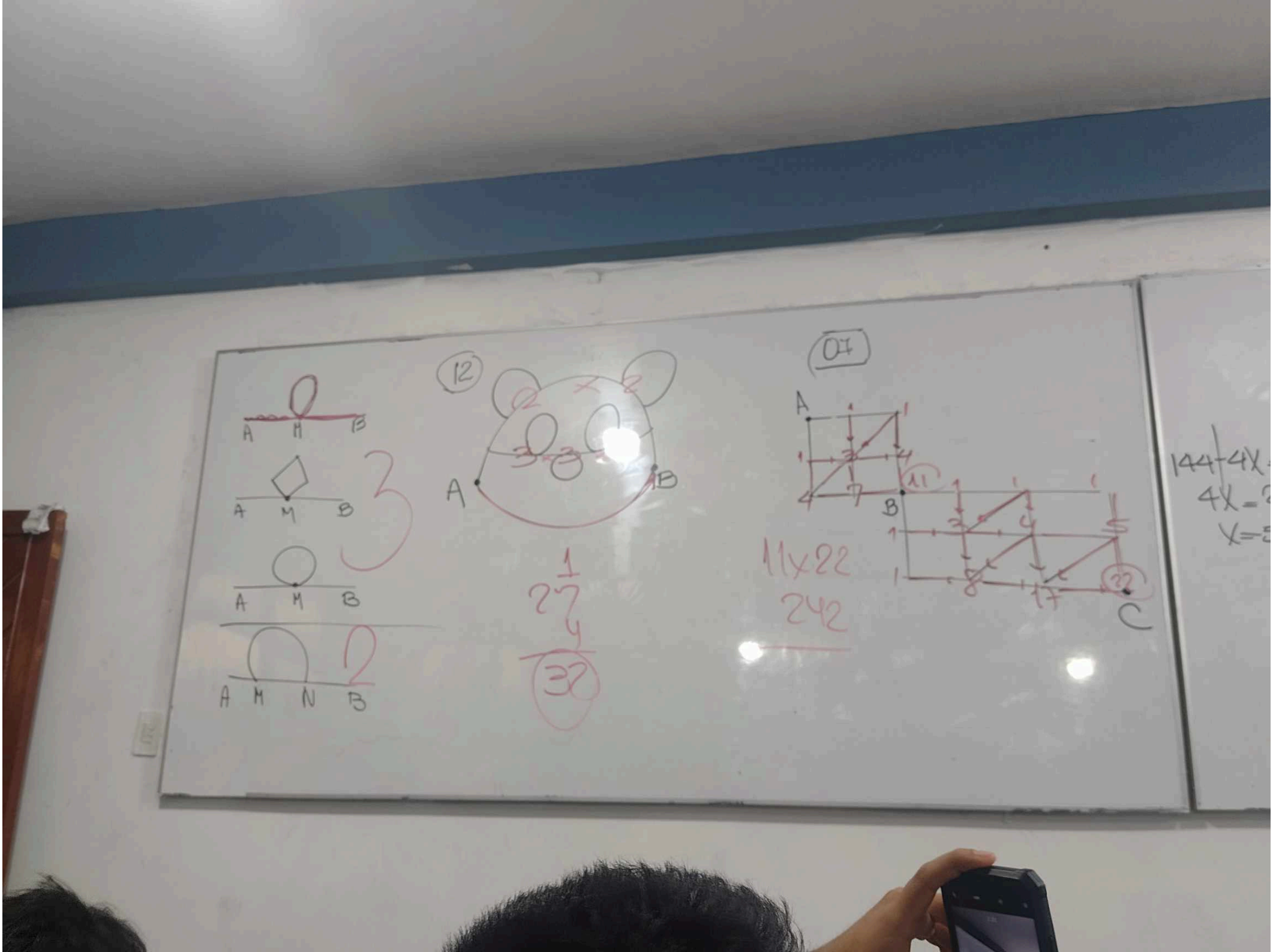
(13)

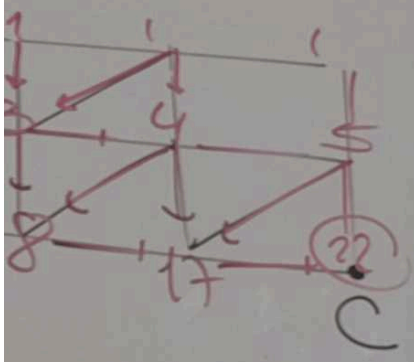


$V_A \cdot D_A = V_D \cdot D_D$

$24(60) = V_D(18)$

$80 = V_D$


A M B
A M B
3
A M B
A M N B
2
12
A
B
1
27
4
32
07
A
B
11
11x22
242
8
17
22
C
144+4X
4X=
X=

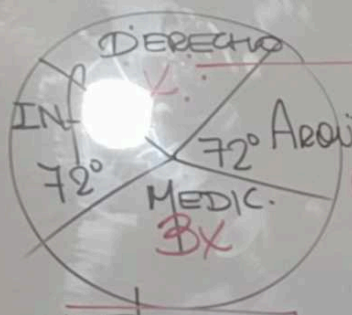


05)

$144 - 4X = 360$

$4X = 216$

$X = 54°$



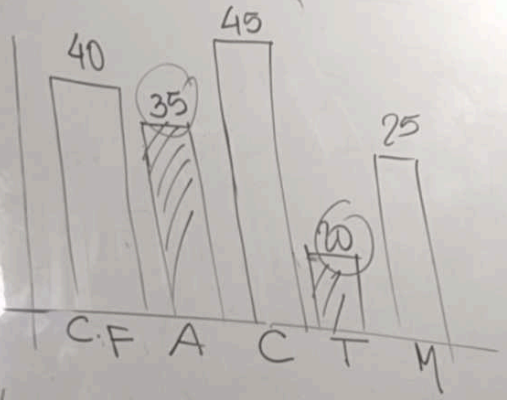
$\frac{54}{360} \cdot \frac{(100)}{3}$

18

TOTAL: 180

06)

$T = 165$



$\frac{55}{165} \cdot 100\% = 33,\hat{3}\%$

(41)

1 3
2 4

1 4 7
2 5 8
3 6 9

F_1 F_2 F_3

2 5 10

1^2+1 2^2+1 3^2+1

$X^2+1=145$

$\therefore X=12$

(42)

20 FOTOS → 6 MALAS

ELEGIR

$$P(\Omega_{\text{MALAS}}) = \frac{C_2^6}{C_2^{20}}$$

$$\frac{\frac{6.5}{1.2}}{\frac{20.19}{1.2}} = \frac{6.5}{20.19} = \frac{3}{38}$$

(43)

2 3 5

(1,1) (1,2) (1,4)
(2,1) (4,1)
(2,3)
(3,2)

$$P(A) = \frac{15}{6^2} =$$

11

7
(1,6) (5,6)
(6,1) (6,5)
(3,4)
(4,3)
(2,5)
(5,2)

$\frac{15}{36} = \frac{5}{12}$

(44)

$P(A \cdot B$

$P(no$

3 5
2) (1;4)
1) (4;1)
(2;3)
(3;2)

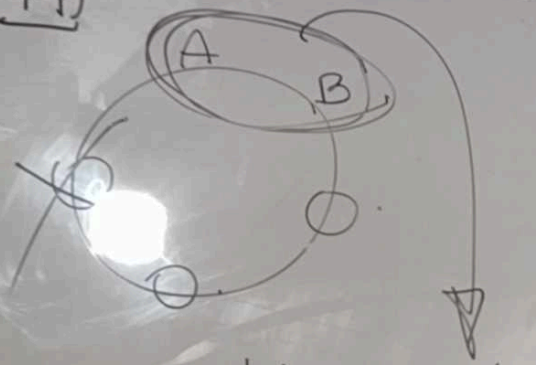
$\frac{5}{2} =$

7
(1;6)
(6;1)
(3;4)
(4;3)
(2;5)
(5;2)

$\frac{12}{36} = \frac{5}{12}$

11
(5;6)
(6;5)

(44)

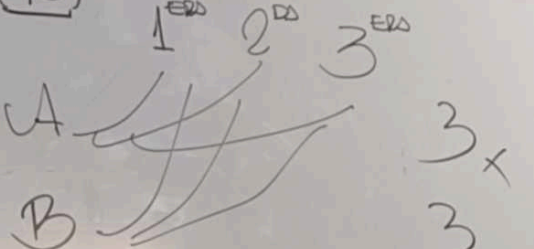


$P(A+B \text{ juntas}) = \frac{3! \times 2!}{4!}$

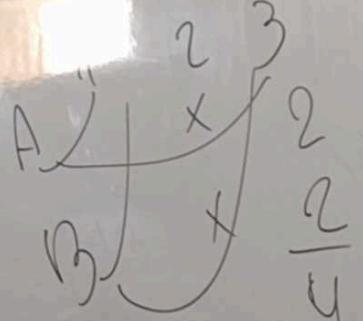
$\frac{3! \, 2}{4 \cdot 3!} = \frac{1}{2}$

$P(\text{no juntos}) = \frac{1}{2}$

(45)



$\frac{3}{9} \times$



$\frac{2}{4}$

$\frac{4}{9}$

46 ○○ ○○○○○○○○

$P = \frac{8! \cdot 31}{10!}$

$\frac{8! \times 6}{10 \cdot 9 \cdot 8!}$

$\frac{6}{90} = 1/15$

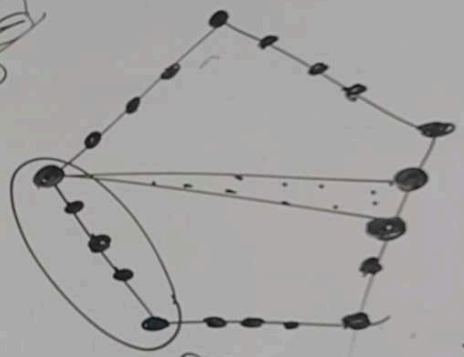
47 $6_H \; 4_M \rightarrow 10$

$\binom{6}{2}$

$\frac{\binom{6}{2}}{\binom{10}{2}}$

$\frac{6 \cdot 5}{10 \cdot 9} = \frac{30}{90} = 1/3$

05

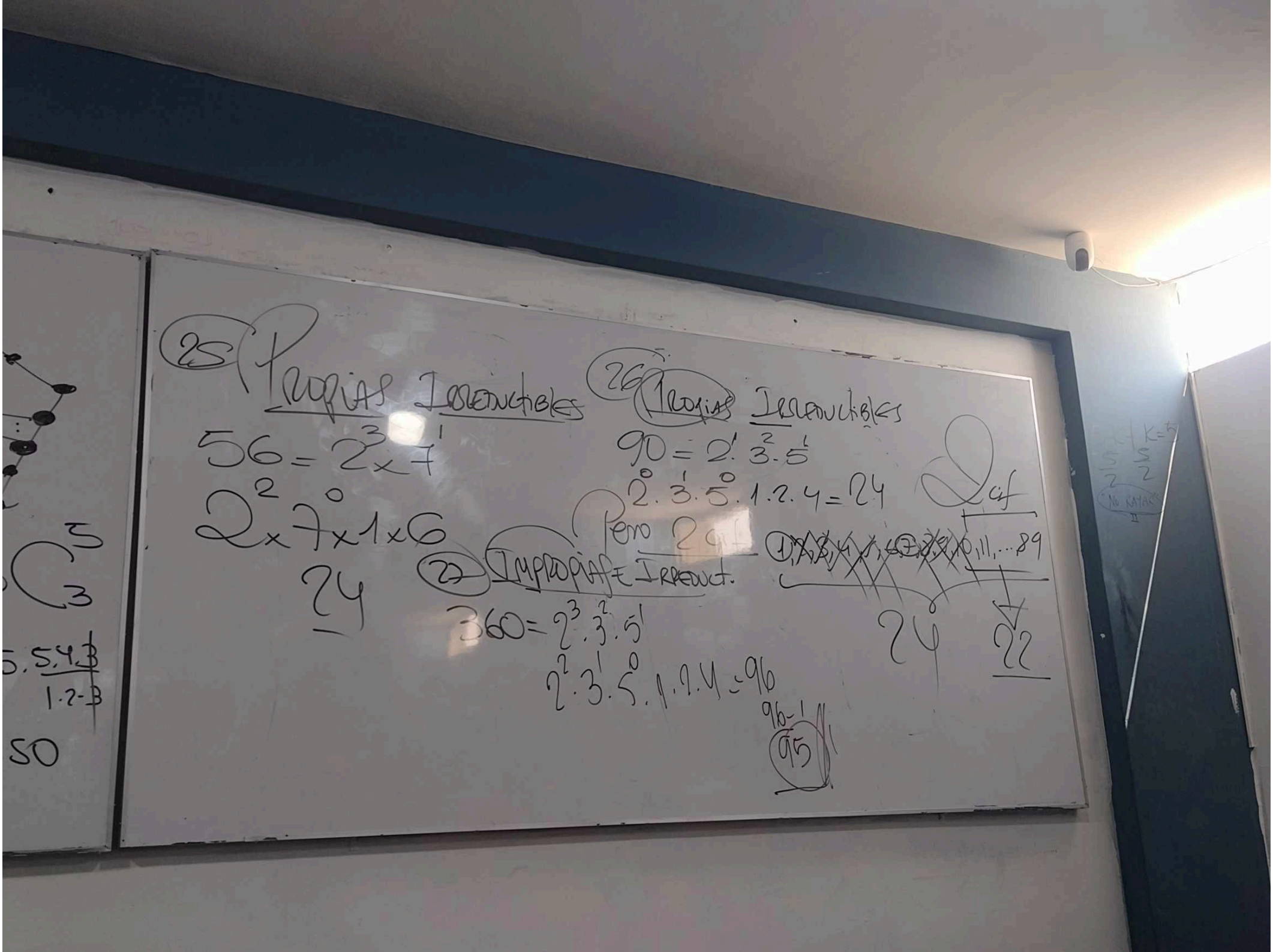


$\binom{20}{3} - 5\binom{5}{3}$

$\frac{20 \cdot 19 \cdot 18}{1 \cdot 2 \cdot 3} - 5 \cdot \frac{5 \cdot 4 \cdot 3}{1 \cdot 2 \cdot 3}$

$1090 = 1140 - 50$

25


25
Propias Irreductibles
$56 = 2^3 \times 7^1$
$2^2 \cdot 7^0 \times 1 \times 6$
24
26
Propias Irreductibles
$90 = 2^1 \cdot 3^2 \cdot 5^1$
$2^0 \cdot 3^1 \cdot 5^0 \cdot 1 \cdot 2 \cdot 4 = 24$
Pero 24
22
Impropias ≠ Irreduct.
$360 = 2^3 \cdot 3^2 \cdot 5^1$
$2^2 \cdot 3^1 \cdot 5^0 \cdot 1 \cdot 2 \cdot 4 = 96$
96-1
95
24
22