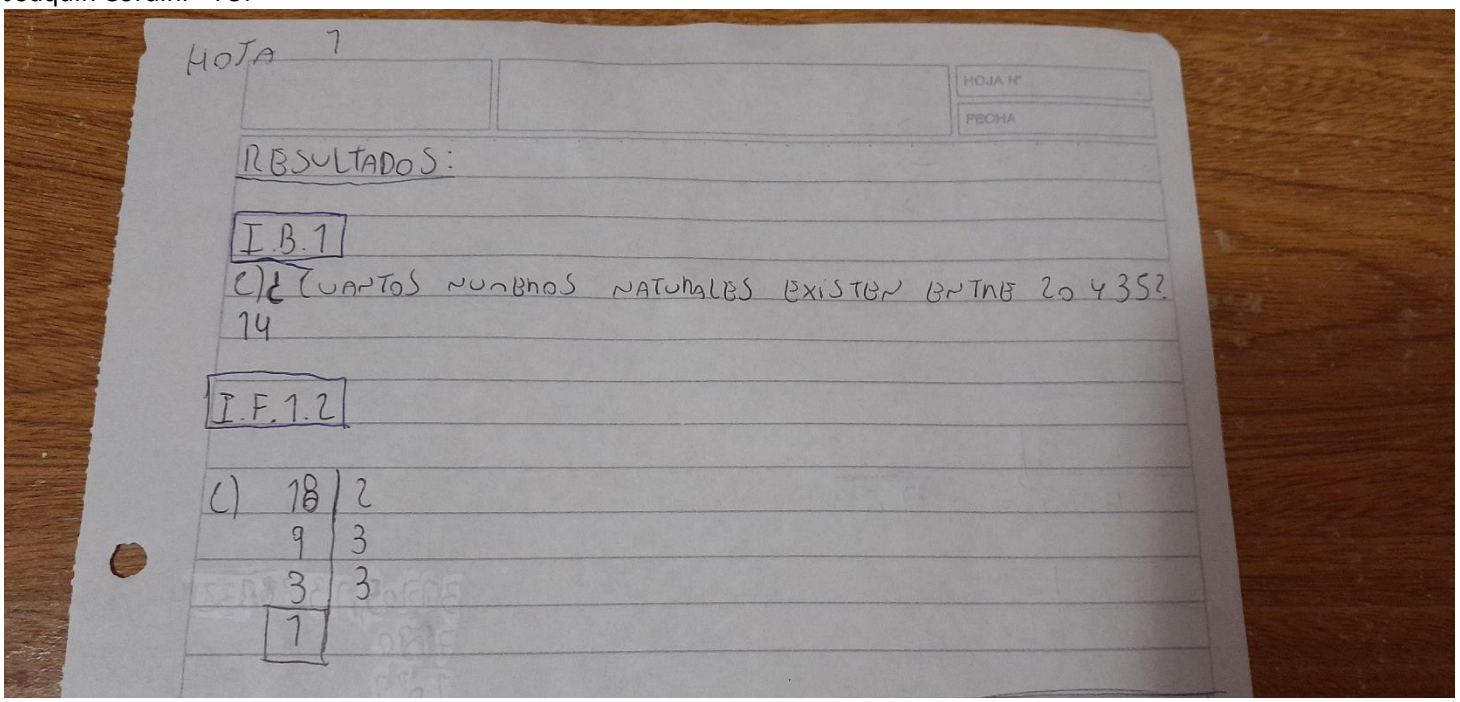
Joaquin Cordini - TUP



HOJA 1

HOJA N°

FECHA

RESULTADOS:

I.B.1

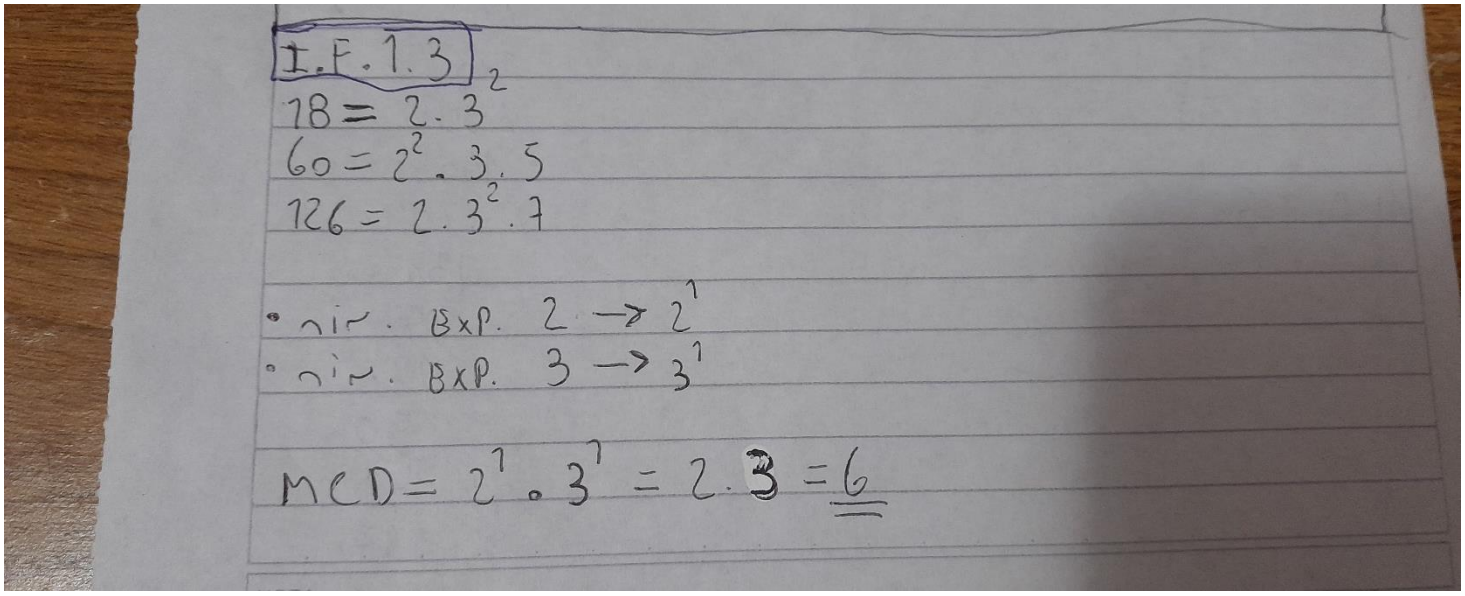
c) ¿CUANTOS NUMEROS NATURALES EXISTEN ENTRE 20 Y 35?

14

I.F.1.2

c)

18	2
9	3
3	3
1	



I.F.1.3

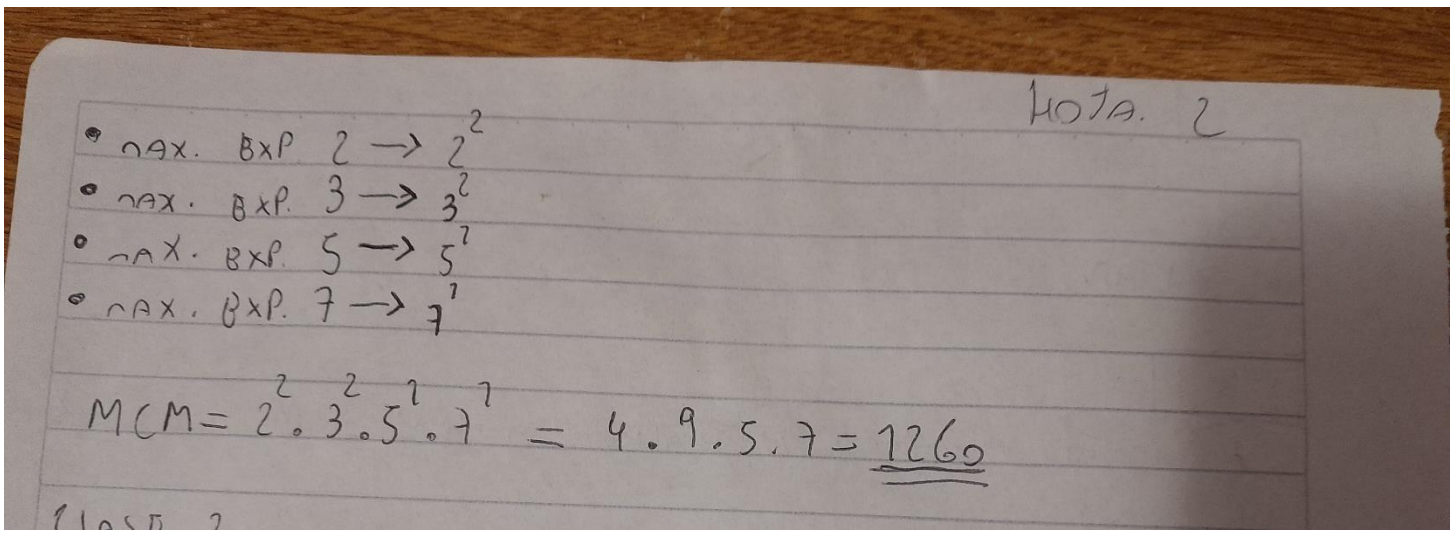
$18 = 2 \cdot 3^2$

$60 = 2^2 \cdot 3 \cdot 5$

$126 = 2 \cdot 3^2 \cdot 7$

- MIN. EXP. $2 \rightarrow 2^1$
- MIN. EXP. $3 \rightarrow 3^1$

$MCD = 2^1 \cdot 3^1 = 2 \cdot 3 = \underline{6}$



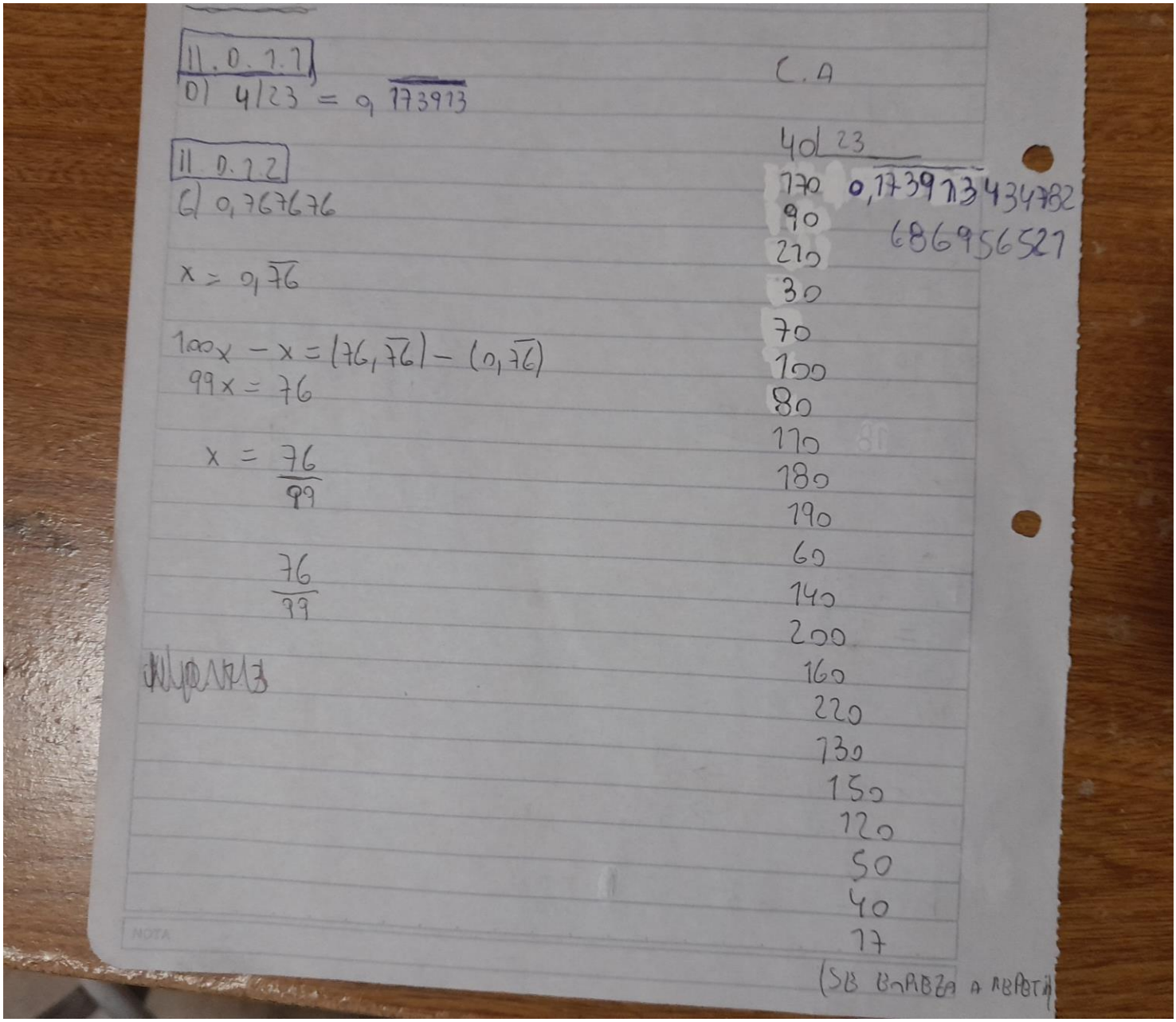
HOJA. 2

- MAX. EXP $2 \rightarrow 2^2$
- MAX. EXP. $3 \rightarrow 3^2$
- MAX. EXP. $5 \rightarrow 5^1$
- MAX. EXP. $7 \rightarrow 7^1$

$MCM = 2^2 \cdot 3^2 \cdot 5^1 \cdot 7^1 = 4 \cdot 9 \cdot 5 \cdot 7 = \underline{1260}$

HOJA 2

Joaquin Cordini - TUP



11.0.1.1)
a) $4/23 = 0,\overline{173913}$

11.0.1.2)
c) $0,767676$

$x = 0,\overline{76}$

$100x - x = (76,\overline{76}) - (0,\overline{76})$
$99x = 76$

$x = \frac{76}{99}$

$\frac{76}{99}$

C.A

40 | 23
170 0,173913434782
90 686956521
270
30
70
100
80
170
180
190
60
140
200
160
220
130
150
120
50
40
17

(SE REPITE A PARTIR)

Hoja 3

ii) - D. 1.3

B) $\frac{(0,\overline{12} + 0,\overline{1})^2}{0,007}$

$\rightarrow 0,\overline{12} = \frac{12}{99} = \frac{4}{33}$

$\rightarrow 0,\overline{1} = \frac{1}{9}$

$\frac{4}{33} + \frac{1}{9}$

MCM = 99

$\frac{4 \cdot 3}{33 \cdot 3} = \frac{12}{99}$ $\quad$ $\frac{1 \cdot 11}{9 \cdot 11} = \frac{11}{99}$

$\frac{12}{99} + \frac{11}{99} = \frac{23}{99}$

$\frac{23^2}{99^2} = \frac{529}{9801}$

$\frac{529}{9801} \cdot \frac{1000}{7} = \frac{529 \cdot 1000}{9801 \cdot 7} = \frac{529000}{68607} = \boxed{\frac{1000}{13}}$

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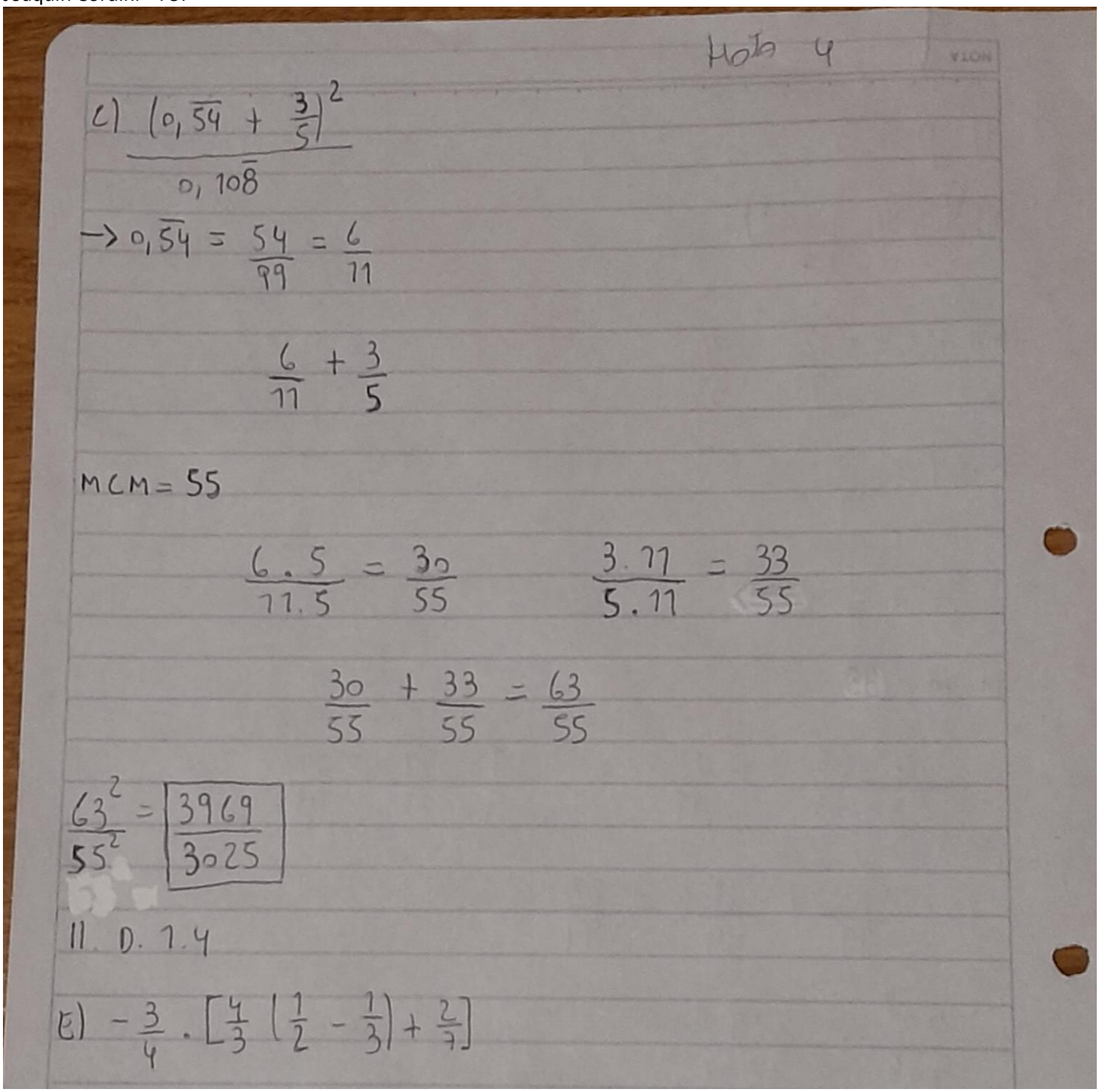

Me faltaron los ejercicios E y F de la guía II.D.1.4 (los subo aparte)