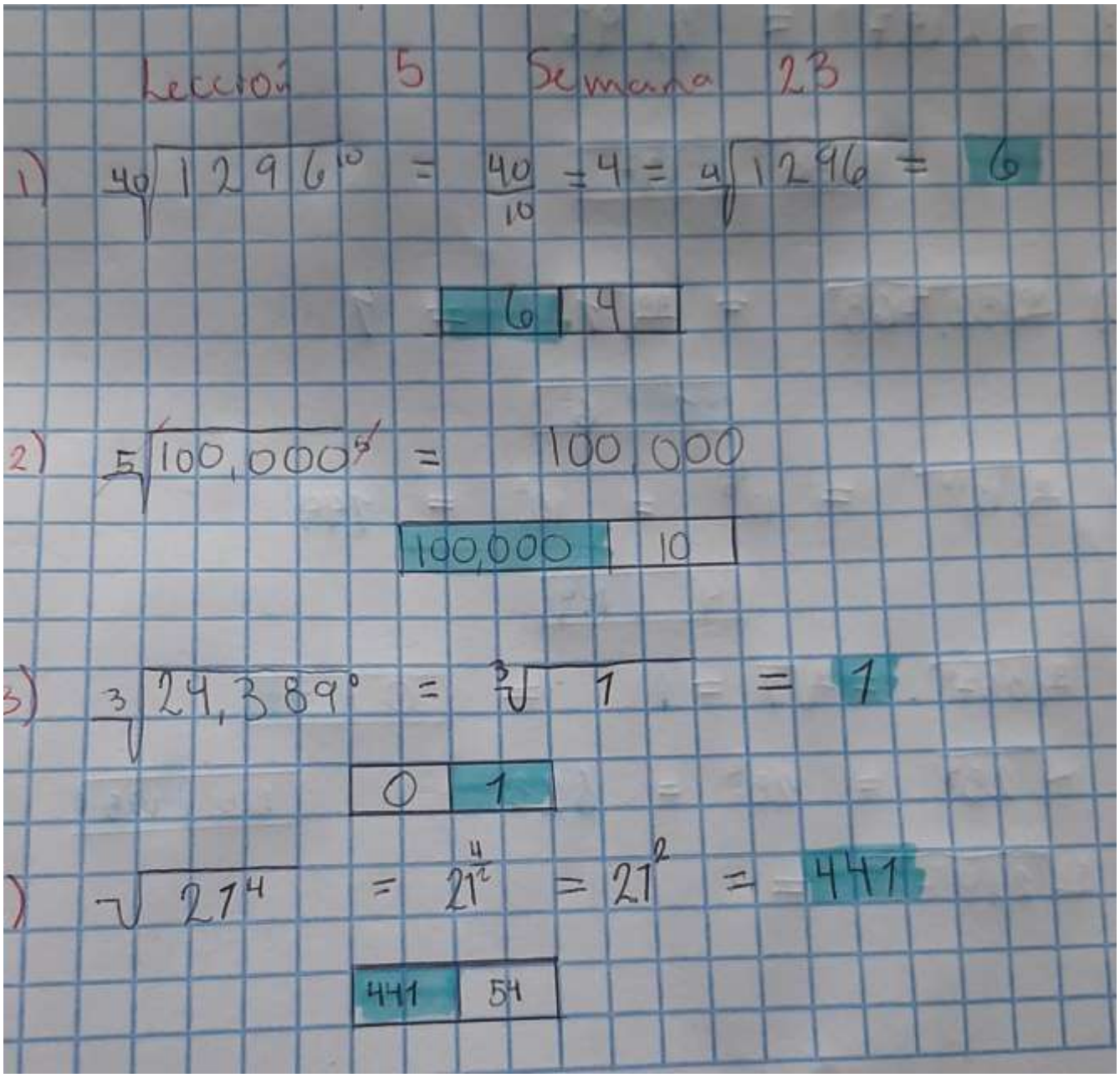
Leccion 5 Semana 23
1) $\sqrt[40]{1296^{10}} = \frac{40}{10} = 4 = \sqrt[4]{1296} = 6$
6 | 4
2) $\sqrt[5]{100,000^{5}} = 100,000$
100,000 | 10
3) $\sqrt[3]{24,389^{0}} = \sqrt[3]{1} = 1$
0 | 1
$\sqrt{21^{4}} = 21^{\frac{4}{2}} = 21^{2} = 441$
441 | 54

5) $\sqrt[36]{4096^9} = \frac{36}{9} = \sqrt[4]{4096} = 8$

8	15

6) $\sqrt[10]{4^{25}} = \sqrt[10]{4^{10} \cdot 4^{15}} = 4^2 \cdot \sqrt{4} = 16 \cdot 2 =$ 32

15	32

7) $\sqrt[3]{2197^1} =$ 2197

150	2197

8) $\sqrt[40]{32,768^0} = \sqrt[40]{1} = 1$

1	6

9) $\sqrt[8]{12^{16}} = 12^{\frac{16}{8}} = 12^2 =$ 144

4	144

10) $\sqrt[9]{867^0} = \sqrt[9]{1} = 1 =$

0	1

11) $\sqrt{254} = 25^2 =$ 625

125	625

12) $\sqrt[56]{2187^{24}} = \sqrt[7]{2187^3} = \sqrt[7]{(3^7)^3} = \sqrt[7]{3^{21}} =$

$3^3 =$ 27

3	27