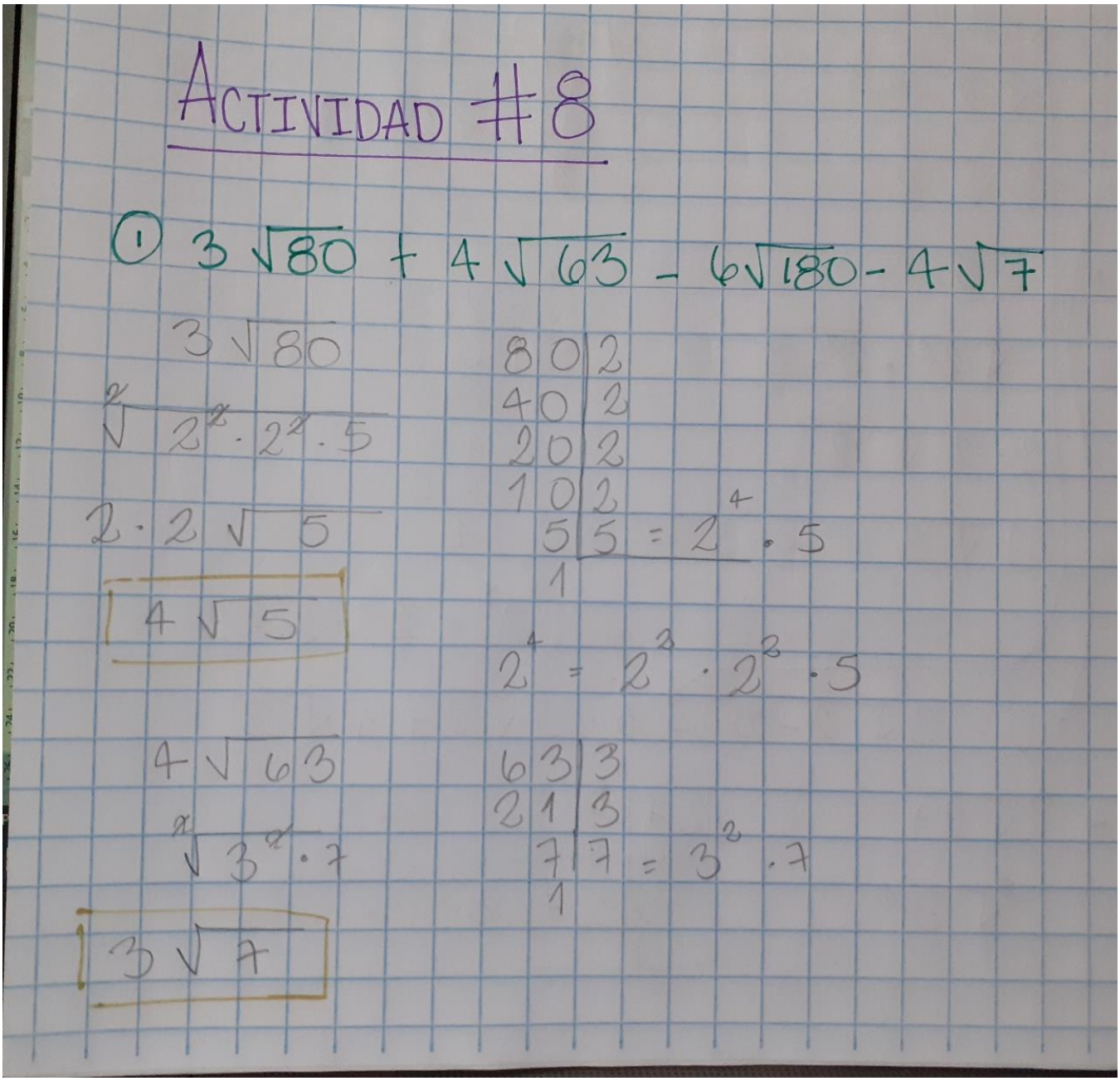
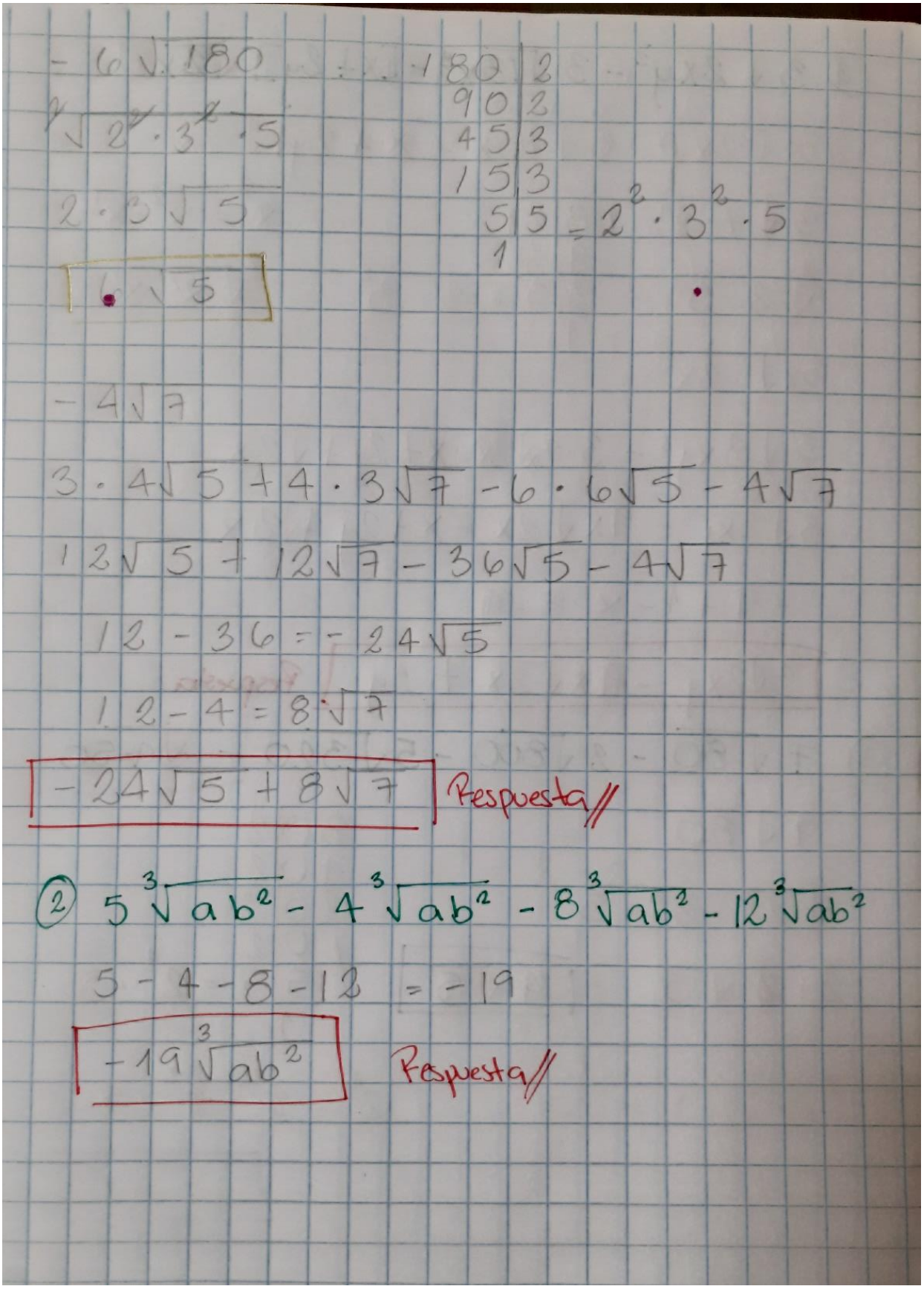
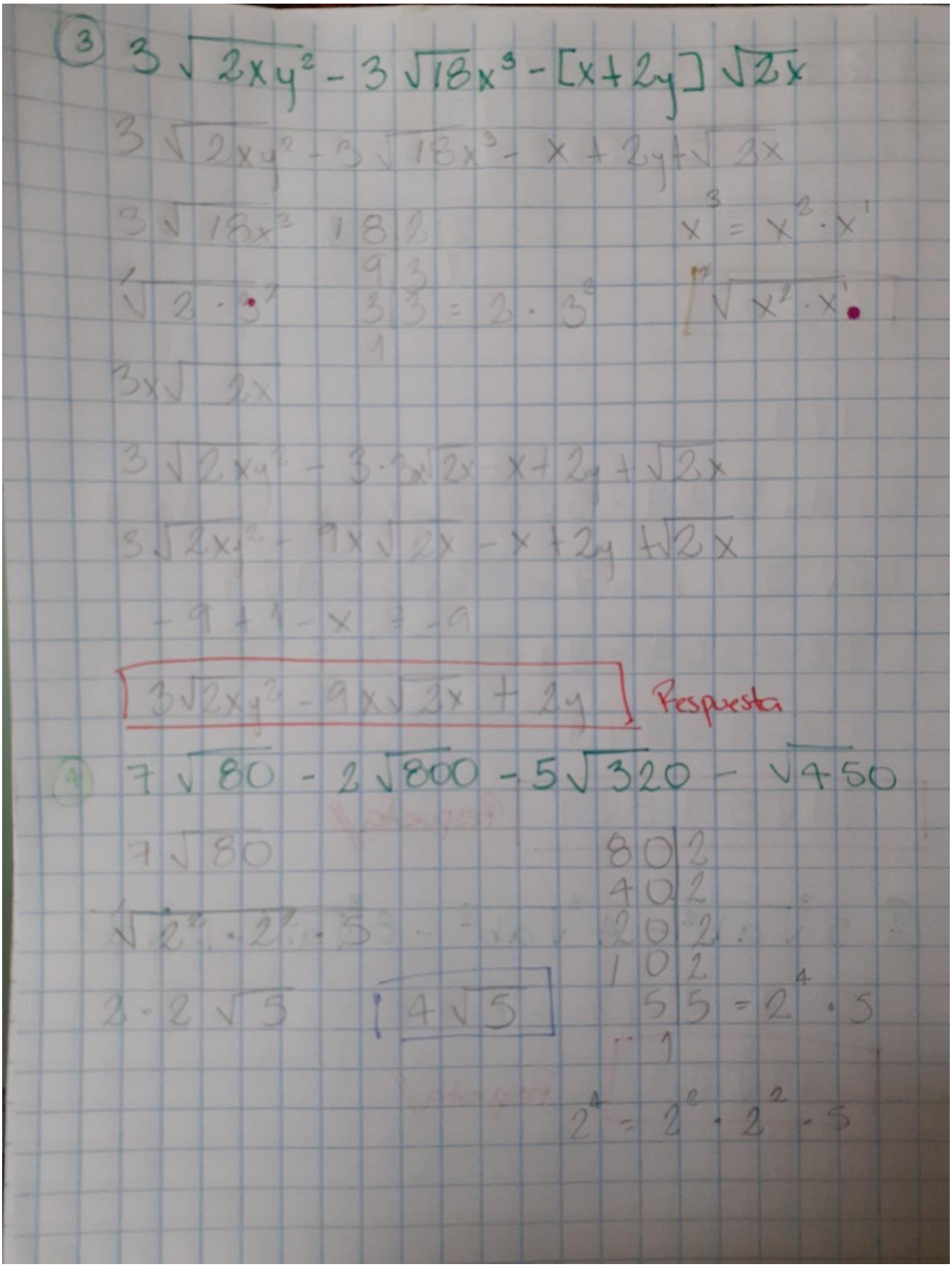
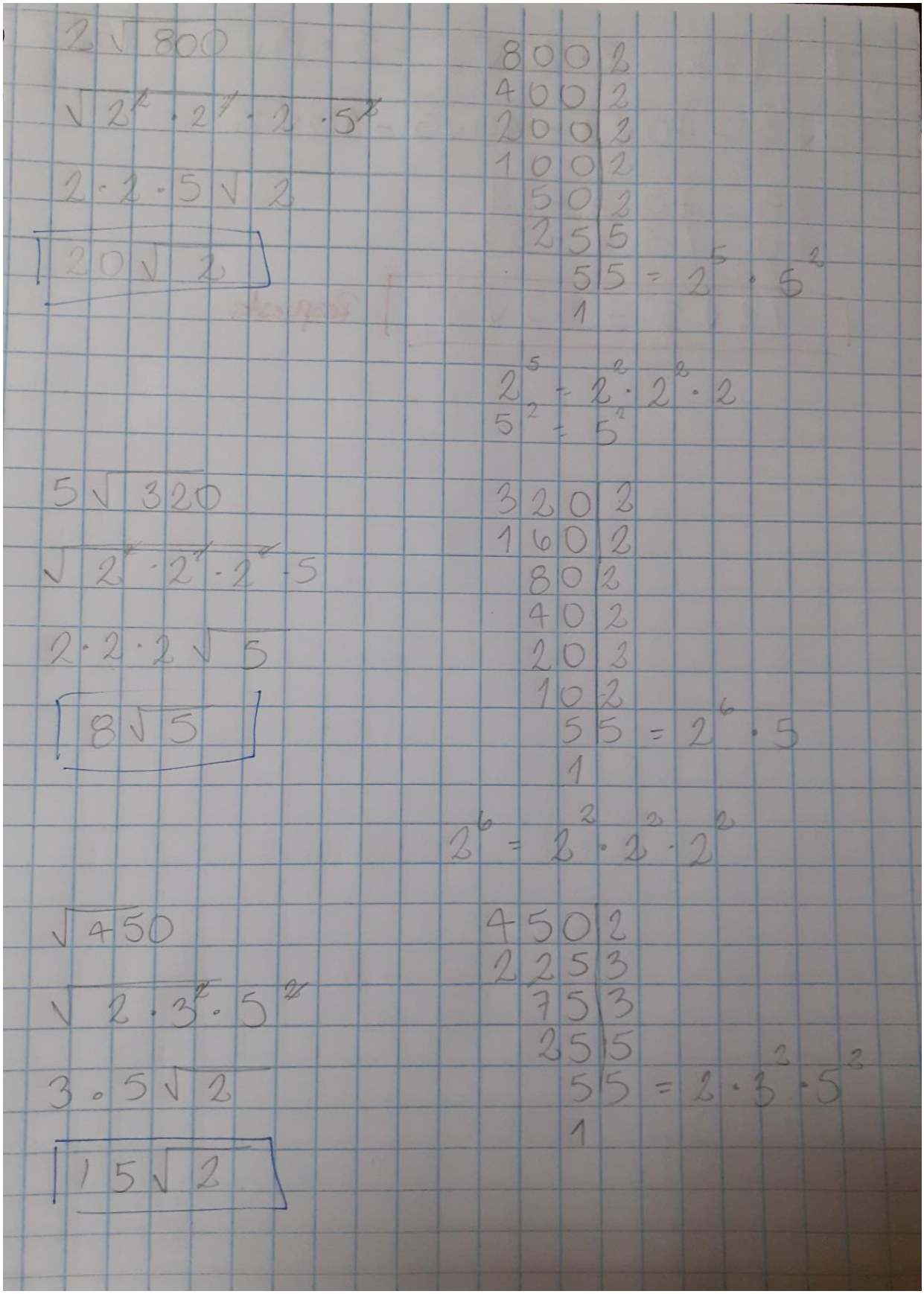

ACTIVIDAD #8
① $3\sqrt{80} + 4\sqrt{63} - 6\sqrt{180} - 4\sqrt{7}$
$3\sqrt{80}$
$\sqrt[2]{2^2 \cdot 2^2 \cdot 5}$
$2 \cdot 2\sqrt{5}$
$4\sqrt{5}$
80 | 2
40 | 2
20 | 2
10 | 2
5 | 5 = $2^4 \cdot 5$
1
$2^4 = 2^2 \cdot 2^2 \cdot 5$
$4\sqrt{63}$
$\sqrt[2]{3^2 \cdot 7}$
$3\sqrt{7}$
63 | 3
21 | 3
7 | 7 = $3^2 \cdot 7$
1


- 6√180
√2² · 3² · 5
2 · 3√5
6√5
- 4√7
3 · 4√5 + 4 · 3√7 - 6 · 6√5 - 4√7
12√5 + 12√7 - 36√5 - 4√7
12 - 36 = - 24√5
12 - 4 = 8√7
- 24√5 + 8√7
Respuesta//
180 | 2
90 | 2
45 | 3
15 | 3
5 | 5
1
= 2² · 3² · 5
② 5∛ab² - 4∛ab² - 8∛ab² - 12∛ab²
5 - 4 - 8 - 12 = - 19
- 19∛ab²
Respuesta//

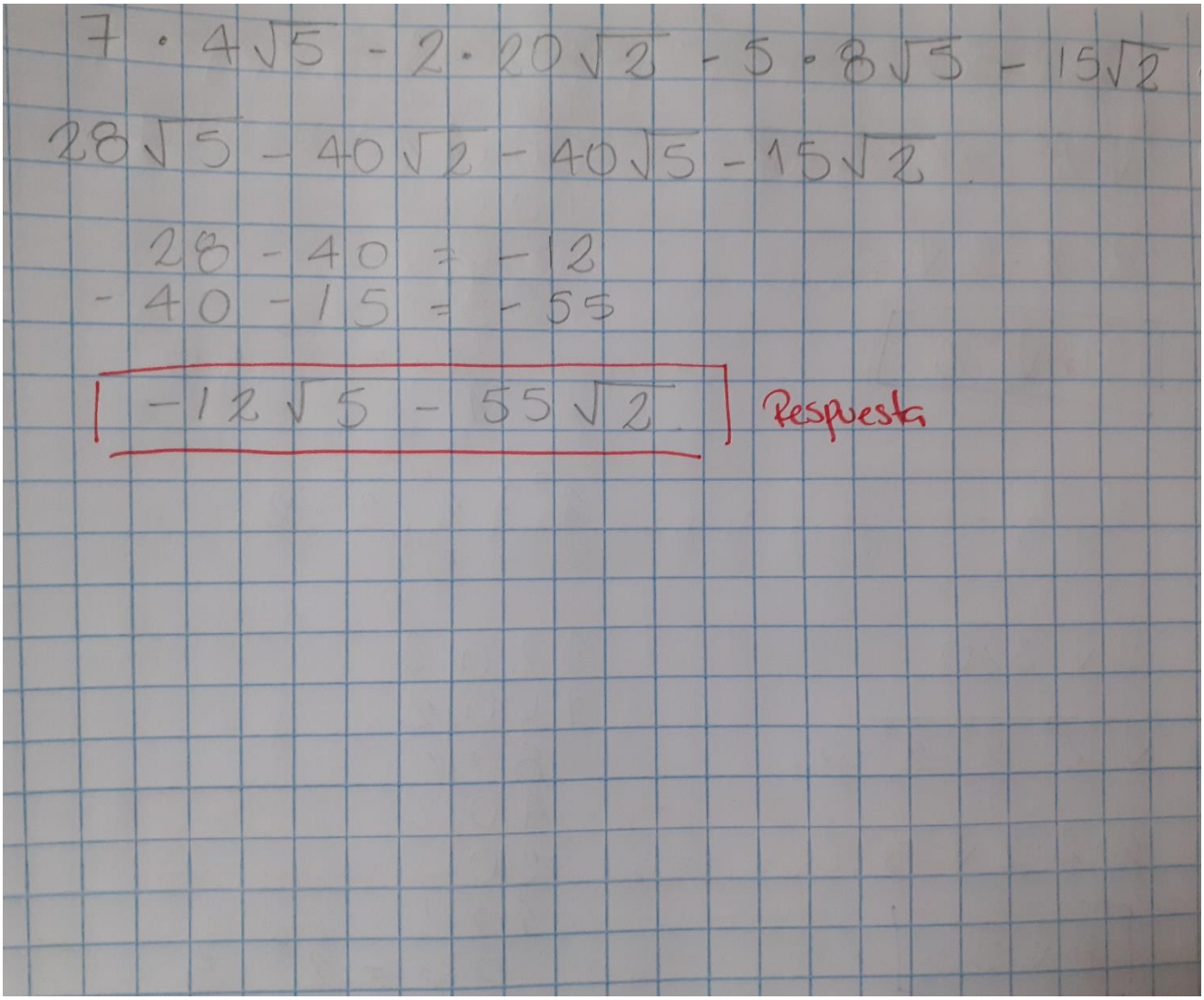

③ $3\sqrt{2xy^2} - 3\sqrt{18x^3} - [x+2y]\sqrt{2x}$
$3\sqrt{2xy^2} - 3\sqrt{18x^3} - x + 2y + \sqrt{2x}$
$3\sqrt{18x^3}$ 18 2 9 3 3 3 1
$x^3 = x^2 \cdot x^1$
$\sqrt{2 \cdot 3^2}$ $\sqrt{x^2 \cdot x}$
$3x\sqrt{2x}$
$3\sqrt{2xy^2} - 3 \cdot 3x\sqrt{2x} - x + 2y + \sqrt{2x}$
$3\sqrt{2xy^2} - 9x\sqrt{2x} - x + 2y + \sqrt{2x}$
$-9 + 1 - x = -9$
$3\sqrt{2xy^2} - 9x\sqrt{2x} + 2y$ Respuesta
④ $7\sqrt{80} - 2\sqrt{800} - 5\sqrt{320} - \sqrt{450}$
$7\sqrt{80}$
80 2 40 2 20 2 10 2 5 5 1
$\sqrt{2^4 \cdot 2^1 \cdot 5}$
$2 \cdot 2\sqrt{5}$ $4\sqrt{5}$
$80 = 2^4 \cdot 5$
$2^4 = 2^2 \cdot 2^2 \cdot 5$

CUARTO BACHILLERATO EN CIENCIAS Y LETRAS CON DIPLOMADO EN DERECHO Y CRIMINALISTICA




RUTH HERMINIA GORDILLO HERNÁNDEZ CURSO: MATEMÁTICA

CUARTO BACHILLERATO EN CIENCIAS Y LETRAS CON DIPLOMADO EN DERECHO Y CRIMINALISTICA




RUTH HERMINIA GORDILLO HERNÁNDEZ CURSO: MATEMÁTICA