



GUÍA DE EJERCICIOS DEL PRIMER LAPSO

1) Halle la fracción generatriz en cada caso:

1. $8,56$

2. $115,2$

3. $57,35$

4. $42,\overline{03}$

5. $70,\overline{4}$

6. $109,\overline{152}$

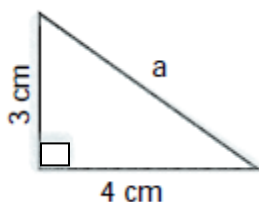
7. $435,\overline{54}$

8. $6,0\overline{11}$

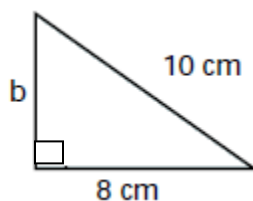
9. $29,6\overline{145}$

2) Halle el lado faltante aplicando el teorema de Pitágoras:

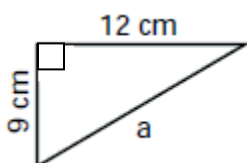
a)



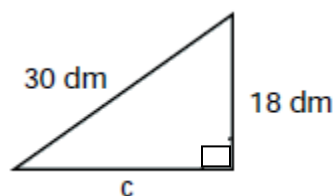
b)



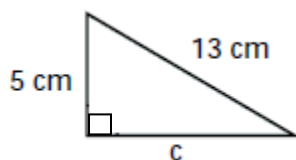
c)



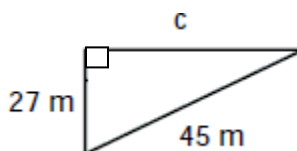
d)

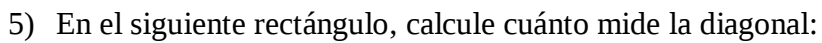
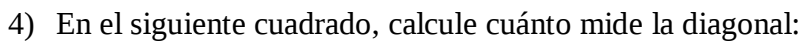


e)



f)



[illegible]

7) Resuelva las siguientes operaciones con radicales:

a) $5\sqrt{7} - 3\sqrt{7} + 4\sqrt{7} + 2\sqrt{7} - \sqrt{7} =$

b) $4 \cdot \sqrt[3]{5} + \sqrt[3]{5} - 7 \cdot \sqrt[3]{5} + 2 \cdot \sqrt[3]{5} =$

c) $\sqrt{99} + \sqrt{44} =$

d) $2\sqrt{18} + 5\sqrt{8} - \sqrt{50} =$

e) $\sqrt[3]{81} + 4 \cdot \sqrt[3]{375} - 3 \cdot \sqrt[3]{24} =$

f) $\sqrt{6} + 3\sqrt{8} - 4\sqrt{18} + \sqrt{24} - 4\sqrt{2} =$

g) $\sqrt{100x} + 3\sqrt{16x} =$

h) $\sqrt[3]{54x} - 4 \cdot \sqrt[3]{16x} + \sqrt[3]{250x} =$

i) $2a2a\sqrt{3} - 3\sqrt{12a^2} - a\sqrt{27} =$

j) $\sqrt{3} + \sqrt{2} + \sqrt{5} - \sqrt{10} =$

k) $\sqrt{50} + \sqrt{75} - \sqrt{18} - \sqrt{12} =$