

Centre: Institut Julia Minguell

Nom:

1r BTX

Efectua les següents sumes i restes de radicals, i simplifica quan sigui possible:

1.  $-13\sqrt{13} + 13\sqrt{13} =$

2.  $10\sqrt{7} - 5\sqrt{7} + 3\sqrt{7} =$

3.  $3\sqrt[3]{-3} - \sqrt[3]{-3} + \sqrt[3]{-3} =$

4.  $9\sqrt{108} + 8\sqrt{48} =$

5.  $3\sqrt[3]{-320} + 8\sqrt[3]{5} =$

6.  $-4y\sqrt{396y^2} - 14y\sqrt{704y^2} =$

7.  $-10\sqrt[3]{\frac{1}{189}} - 8\sqrt[3]{\frac{27}{448}} + 14\sqrt[3]{\frac{8}{189}} =$

8.  $-13\sqrt[3]{\frac{1}{320}} + 3\sqrt[3]{\frac{27}{5}} =$

9.  $10\sqrt{\frac{5z}{27}} + 2\sqrt{\frac{20z}{243}} =$