



UNIDAD EDUCATIVA BAUTISTA CHARLES SPURGEON

ÁREA: CIENCIAS EXACTAS

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TALLER SUMA Y RESTA DE RADICALES

● **9** **Simplifica** los radicales y **resuelve**.

a $6\sqrt[3]{54} - 2\sqrt[3]{128} - 3\sqrt[3]{432}$

b $8\sqrt{1125} - 3\sqrt{125} - 2\sqrt{320}$

c $2\sqrt{675} + 0,3\sqrt{972} - 1,5\sqrt{2352}$

d $(2\sqrt{3} - \sqrt{27}) \cdot (2\sqrt{3} - \sqrt{27})$

e $[(-\sqrt[3]{375}) + 2\sqrt[3]{81}] \div \sqrt[3]{3}$

f $\sqrt[4]{32} - \sqrt[5]{64} + 2(\sqrt[5]{2} - \sqrt[4]{2})$

	$59\sqrt{5}$	$-\frac{33}{5}\sqrt{3}$	3	1	0
$-8\sqrt[3]{3}$	-3	-1	$59\sqrt{6}$	$8\sqrt[3]{2}$	
$59\sqrt{5}$	$-8\sqrt[3]{2}$	-1/2	5	-2	$\sqrt[3]{2}$