

U.E. "GIORDANO BRUNO"

Nombre: _____ Fecha: _____

MULTIPLICACION Y DIVISION DE NÚMEROS IRRACIONALES

1.-Multiplicación y división con el mismo índice.

$$(2\sqrt{3}) \cdot (-3\sqrt{6}) =$$

$$12\sqrt[3]{8}$$

$$(-4\sqrt[3]{2}) \cdot (-3\sqrt[3]{4}) =$$

$$-4\sqrt[3]{\frac{6}{5}}$$

$$\sqrt{8} \cdot \sqrt{4} =$$

$$\sqrt[3]{2^2}$$

$$\sqrt[3]{5} \cdot \sqrt[3]{25} =$$

$$-3\sqrt{2}$$

$$\frac{-9\sqrt{10}}{3\sqrt{5}} =$$

$$-6\sqrt{18}$$

$$\frac{\sqrt[3]{6}}{\sqrt[3]{3}} =$$

$$\sqrt[3]{2}$$

$$\frac{\sqrt[5]{16}}{\sqrt[5]{4}} =$$

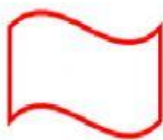
$$4\sqrt{2}$$

$$\frac{8\sqrt[3]{18}}{-2\sqrt[3]{15}} =$$

$$5$$

1.-Multiplicación y división con distinto índice.

$$\sqrt[3]{x} \cdot \sqrt{x^2} =$$



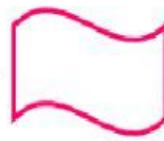
$$\sqrt[4]{x^5y^2} \cdot \sqrt[3]{x^2y^4} =$$



$$x^6\sqrt{x}$$

$$\sqrt[12]{32x^5}$$

$$\sqrt[3]{9x^2y} \cdot \sqrt[6]{81x^5} =$$



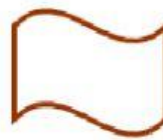
$$\sqrt[4]{25x^2y^3} \cdot \sqrt[6]{125x^2} =$$



$$x^9\sqrt[3]{x^4}$$

$$5^6\sqrt[6]{x^{10}y^9}$$

$$\frac{\sqrt[3]{x^5}}{\sqrt{x}} =$$



$$\frac{\sqrt[3]{4x^2}}{\sqrt[4]{2x}} =$$



$$x^6\sqrt{x}$$

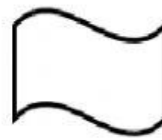
$$xy^{12}\sqrt[12]{x^{11}y^{10}}$$

$$\sqrt[12]{3^2x^7}$$

$$\frac{\sqrt[4]{9x^5}}{\sqrt[3]{3xx^2}} =$$



$$\frac{\sqrt[3]{3x^5}}{\sqrt[6]{9x^2}} =$$



$$\sqrt[6]{3^2x^3y^2}$$



Goodbye

