

Calcular, aplicando la definición de raíz (no vale usar la calculadora):

$\sqrt[3]{-8} =$	$\sqrt{-8} =$	$\sqrt{16} =$
$\sqrt[6]{-1} =$	$\sqrt[7]{128} =$	$\sqrt{5^2} =$
$\sqrt[4]{81} =$	$\sqrt[3]{27} =$	$\sqrt[5]{3^{15}} =$
$\sqrt[3]{-\frac{1}{125}} =$	$\sqrt[4]{-\frac{81}{16}} =$	$\sqrt[3]{\frac{64}{1000}} =$
$\sqrt[5]{-32} =$	$\sqrt[8]{0} =$	$\sqrt[3]{0,064} =$
$\sqrt[3]{\frac{27}{64}} =$	$\sqrt[4]{\frac{625}{256}} =$	$\sqrt{\frac{25}{49}} =$
$\sqrt[9]{-512} =$	$\sqrt[8]{1} =$	$\sqrt[6]{2^6} =$

Multiplica o divide los siguientes radicales, y simplificar cuando sea posible.

$\sqrt{6} \cdot \sqrt{32} =$	$\sqrt[4]{27} \cdot \sqrt[4]{3} =$	$\sqrt[3]{-7} \cdot \sqrt[3]{49} =$
$\sqrt{-2} \cdot \sqrt{-8} =$	$\sqrt[3]{5} \cdot \sqrt[3]{-25} =$	$\sqrt[4]{64} \cdot \sqrt[4]{8} =$
$\sqrt{12} \cdot \sqrt{6} \cdot \sqrt{50} =$	$\sqrt[6]{16} \cdot \sqrt[6]{4} =$	$\sqrt[3]{4} \cdot \sqrt[3]{16} \cdot \sqrt[3]{2} =$
$\sqrt{8} : \sqrt{2} =$	$\sqrt[4]{144} : \sqrt[4]{3} =$	$\sqrt[3]{120} : \sqrt[3]{-5} =$
$\sqrt[3]{-81} : \sqrt[3]{3} =$	$\sqrt[6]{-16} : \sqrt[6]{-4} =$	$\sqrt[4]{256} : \sqrt[4]{8} =$