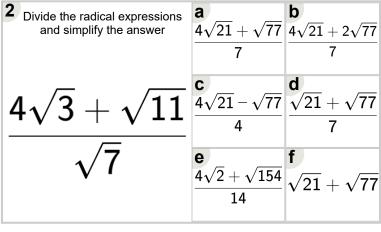


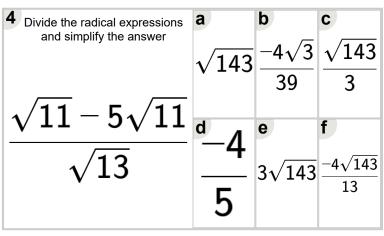
Math worksheet on 'Radicals - Divide Binomials by Monomials (Values Only) (Level 3)'. Part of a broader unit on 'Radicals - Division Intro'

Learn online: app.mobius.academy/math/units/radicals division intro/

Divide the radical expressions and simplify the answer	<b>a</b> $10 - \sqrt{15}$	<b>b</b> $1 - \sqrt{15}$	$oldsymbol{c}$ 10 + $\sqrt{15}$
$2\sqrt{5} - \sqrt{3}$	10	3	10
$\sqrt{5}$	$\frac{10-\sqrt{15}}{5}$	$\mathbf{e}$ $5+\sqrt{15}$	$\frac{10\sqrt{2}-\sqrt{30}}{10}$
•			



3 Divide the radical expressions and simplify the answer	$\sqrt[a]{3}-6$	$\frac{\sqrt[\mathbf{b}]{22}+6}{2}$
$\sqrt{11+3\sqrt{2}}$	$\frac{c}{5\sqrt{22}+6}$	$\frac{d}{\sqrt{22}+12}$
$\sqrt{2}$	$\frac{\sqrt[\mathbf{e}]{22}+1}{3}$	$\frac{\sqrt[6]{22+6}}{4}$



5 Divide the radical expressions and simplify the answer	$\frac{\mathbf{a}}{\frac{\sqrt{26}+\sqrt{10}}{2}}$	$\frac{\textbf{b}}{\frac{2\sqrt{26}+3\sqrt{10}}{2}}$
$\sqrt{13+3\sqrt{5}}$	$\sqrt[\mathbf{c}]{26} + 3$	$\frac{d}{\frac{\sqrt{26}+3\sqrt{10}}{2}}$
$\sqrt{2}$	$oldsymbol{e}{\sqrt{26}+\sqrt{10}}$	$ \sqrt{26} - 3\sqrt{10} $

Divide the radical expressions and simplify the answer 
$$\frac{\mathbf{a}}{\sqrt{35} + \sqrt{21}} \frac{\mathbf{b}}{\sqrt{35} + \sqrt{21}}$$

$$\frac{\sqrt{5} + 2\sqrt{3}}{\sqrt{7}} \frac{\mathbf{c}}{\sqrt{35} + 2} \frac{\mathbf{d}}{\sqrt{35} + 2\sqrt{21}}$$

$$\frac{\mathbf{e}}{\sqrt{35} - 2\sqrt{21}} \frac{\mathbf{f}}{\sqrt{35} + 2\sqrt{21}}$$

7 Divide the radical expressions and simplify the answer	$\frac{\sqrt{33}}{3}$	b 3√33	c √33
$\frac{\sqrt{3}}{\sqrt{11}}$	$\frac{-2\sqrt{33}}{11}$	$\frac{e}{-2}$	$\frac{2\sqrt{33}}{11}$