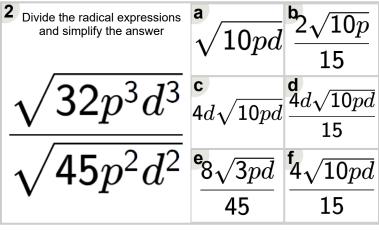


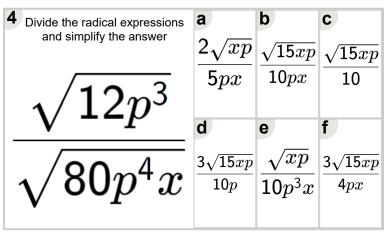
Math worksheet on 'Radicals - Divide Monomials (Values and Variables) (Level 3)'. Part of a broader unit on 'Radicals - Division Intro'

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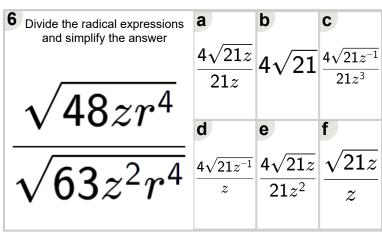
1 Divide the radical expressions and simplify the answer	a	b	C
	$\frac{\sqrt{55}c}{5c^2x^{-2}}$	$\frac{2\sqrt{55c}}{5c^2}$	$\frac{\sqrt{55c}}{c^2x^{-1}}$
$\sqrt{176cx^4}$	d	e	c^2x^{-1}
$\sqrt{20c^4x^4}$	$\frac{2\sqrt{55c}}{5c}$	$\frac{2\sqrt{c}}{5c^3}$	$\frac{\sqrt{55c}}{5c^3}$



3 Divide the radical expressions and simplify the answer	a $\sqrt{70z}$	$oxed{\mathbf{b}}$	c $2\sqrt{35}z$
$\sqrt{45z^3r^2}$	28 d	14 e	f
$\sqrt{28z^2r^2}$	$\frac{3z\sqrt{35}}{14}$	$\frac{\sqrt{35z}}{28}$	$\frac{3\sqrt{35z}}{14}$



5 Divide the radical expressions and simplify the answer	а	b	C
$\sqrt{75n^4}$	$\frac{5p^{-2}n\sqrt{6p}}{4}$	$\frac{5n\sqrt{6p^{-1}}}{p^2}$	$\frac{5n\sqrt{p}}{4}$
VISIT	d	е	f
$\sqrt{8p^3n^2}$	$\frac{n\sqrt{6p}}{4p^2n^{-2}}$	$rac{5n\sqrt{6p}}{4p^2}$	$rac{n\sqrt{3p}}{4p^2}$



7 Divide the radical expressions and simplify the answer	$10n^2$	$\frac{{\color{red}\mathbf{b}}{3m^2\sqrt{35n}}}{10n^3}$
$\sqrt{63m^3n}$	$\frac{\mathbf{c}}{\frac{3m\sqrt{35m^{-1}n}}{10n}}$	$\frac{\mathbf{d}}{3m\sqrt{35mn}}$ $10n$
$\sqrt{20n^2}$	$\frac{8\sqrt{35mn}}{n}$	$\frac{{\sf f}_{3m\sqrt{mn}}}{10n^{-1}}$