

Rational Exponent Block

Simplify. $8^{2/3}$	Simplify. $8^{1/3}$	Simplify. 8^{-1}	Simplify. $9^{1/2}$
Simplify. $(-2)^3$	Simplify. $(-2)^{-3}$	Simplify. $64^{1/2}$	Simplify. $64^{1/3}$
Simplify. $64^{-1/2}$	Simplify. $64^{-1/3}$	Simplify. $\left(\frac{1}{4}\right)^{1/2}$	Simplify. $\left(\frac{1}{4}\right)^{3/2}$
Simplify. $64^{2/3}$	Simplify. $\left(\frac{4}{9}\right)^{1/2}$	Simplify. $\left(\frac{4}{9}\right)^{3/2}$	Simplify. $\left(\frac{4}{9}\right)^{-2}$
Simplify. $9^{-3/2}$	Simplify. $9^{-1/2}$	Simplify. 9^{-2}	Simplify. $(-9)^{-2}$
Simplify. $25^{3/2}$	Simplify. $25^{-1/2}$	Simplify. 25^{-1}	Simplify. $(-27)^{1/3}$
Simplify. $9^{3/2}$	Simplify. $(-8)^{2/3}$	Simplify. $\left(\frac{4}{9}\right)^{-1/2}$	Simplify. $\left(\frac{1}{4}\right)^{-2}$
Simplify. $8^{-1/3}$	Simplify. $8^{-2/3}$	Simplify. $\left(\frac{1}{9}\right)^{-1/2}$	Simplify. $\left(\frac{1}{9}\right)^{-2}$
Simplify. $\left(\frac{1}{4}\right)^{-1/2}$	Simplify. $\left(\frac{1}{8}\right)^{-1/3}$	Simplify. $(-27)^{2/3}$	Simplify. $(-27)^{-1/3}$

3	$\frac{1}{8}$	2	4
4	8	$-\frac{1}{8}$	-8
$\frac{1}{8}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{8}$
$\frac{81}{16}$	$\frac{8}{27}$	$\frac{2}{3}$	16
$\frac{1}{81}$	$\frac{1}{81}$	$\frac{1}{3}$	$\frac{1}{27}$
-3	$\frac{1}{25}$	$\frac{1}{5}$	125
16	$\frac{3}{2}$	4	27
81	3	$\frac{1}{4}$	$\frac{1}{2}$
$-\frac{1}{3}$	9	2	2