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Math worksheet on *'Radicals - Convert Cube Root, Values Only, from Exponents - Negative (Level 2)'*. Part of a broader unit on *'Radicals - Simplifying Advanced'*

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1 Convert the fractional exponent to a radical

$$5^{-\frac{1}{3}}$$

a	b	c
$\dfrac{1}{\sqrt[3]{5}}$	$\dfrac{1}{4\sqrt[3]{3}}$	$\dfrac{1}{\sqrt[3]{4}}$
d $\sqrt[3]{4}$	**e** $\dfrac{1}{\sqrt[3]{8}}$	

2 Convert the fractional exponent to a radical

$$3^{-\frac{1}{3}}$$

a	b	c
$\dfrac{1}{1}$	$\dfrac{1}{\sqrt[3]{4}}$	$\dfrac{1}{\sqrt[3]{3}}$
d 4	**e** $\sqrt[3]{5}$	

3 Convert the fractional exponent to a radical

$$2^{-\frac{1}{3}}$$

a	b	c
$\dfrac{1}{1}$	$\dfrac{1}{\sqrt[3]{5}}$	$\dfrac{1}{2\sqrt[3]{3}}$
d $\dfrac{1}{\sqrt[3]{2}}$	**e** $\sqrt[3]{4}$	