



Math worksheet on 'Exponents - Negative One Exponents with Fractional Base (Level 1)'. Part of a broader unit on 'Exponents - Negative and Fractional Bases and Exponents'

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1 Find the answer when this fraction is raised to its exponent

$$\left(\frac{7}{2}\right)^{-1}$$

a $-\frac{7}{0}$	b 6	c 1
d $\frac{2}{7}$	e 0	f -3

2 Find the answer when this fraction is raised to its exponent

$$\left(\frac{3}{11}\right)^{-1}$$

a 0	b 1	c $\frac{11}{3}$
d $-\frac{3}{-3}$	e $-\frac{3}{-11}$	f $\frac{1}{-11}$

3 Find the answer when this fraction is raised to its exponent

$$\left(\frac{3}{5}\right)^{-1}$$

a -3	b 0	c $-\frac{3}{-5}$
d $\frac{3}{4}$	e $\frac{5}{3}$	f 3

4 Find the answer when this fraction is raised to its exponent

$$\left(\frac{2}{3}\right)^{-1}$$

a $\frac{1}{3}$	b 0	c $-\frac{2}{0}$
d $\frac{3}{2}$	e $\frac{1}{0}$	f 1

5 Find the answer when this fraction is raised to its exponent

$$\left(\frac{2}{5}\right)^{-1}$$

a $\frac{2}{0}$	b 1	c 0
d $\frac{5}{2}$	e -2	f $\frac{1}{5}$

6 Find the answer when this fraction is raised to its exponent

$$\left(\frac{5}{2}\right)^{-1}$$

a $\frac{2}{5}$	b $\frac{3}{0}$	c $-\frac{3}{-2}$
d 1	e $\frac{1}{0}$	f 4

7 Find the answer when this fraction is raised to its exponent

$$\left(\frac{5}{11}\right)^{-1}$$

a 4	b $\frac{5}{0}$	c 0
d $\frac{1}{10}$	e $\frac{11}{5}$	f $-\frac{5}{10}$