



Math worksheet on 'Exponents - Negative One Exponents with Unit Fractional Base (Level 2)'. 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

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

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

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

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

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

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

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

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

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

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

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

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

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

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