



Math worksheet on 'Exponents - Negative One Exponents with Unit 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

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

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

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

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

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

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

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

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

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

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

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

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

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

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