mobius

Exponents - Negative One Exponents with Fractional Base

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

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

A	B	C
$\frac{5}{3}$	-3	3
D	**E**	**F**
$\frac{3}{4}$	$-\frac{3}{-5}$	0

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

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

A	B	C
$\frac{2}{5}$	$\frac{1}{0}$	4
D	**E**	**F**
1	$\frac{3}{0}$	$-\frac{3}{-2}$

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

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

A	B	C
$\frac{3}{0}$	$\frac{2}{3}$	0
D	**E**	**F**
-3	$\frac{1}{0}$	$-\frac{3}{0}$

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

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

A	B	C
$\frac{5}{0}$	0	$-\frac{5}{10}$
D	**E**	**F**
$\frac{1}{10}$	4	$\frac{11}{5}$

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

$$\left(\frac{11}{7}\right)^{-1}$$

A	B	C
$\frac{7}{11}$	$\frac{1}{7}$	$-\frac{3}{-7}$
D	**E**	**F**
$-\frac{11}{6}$	1	0

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

$$\left(\frac{11}{2}\right)^{-1}$$

A	B	C
1	-11	$\frac{11}{4}$
D	**E**	**F**
$\frac{2}{11}$	0	$\frac{1}{-2}$

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

$$\left(\frac{3}{7}\right)^{-1}$$

A	B	C
$\frac{7}{3}$	$\frac{1}{0}$	2
D	**E**	**F**
$-\frac{3}{-3}$	0	$\frac{1}{6}$

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

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

A	B	C
$-\frac{3}{-3}$	$\frac{11}{3}$	0
D	**E**	**F**
1	$\frac{1}{-11}$	$-\frac{3}{-11}$

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