N١	2	m	ıe	٠.	
N	а	11	ı		

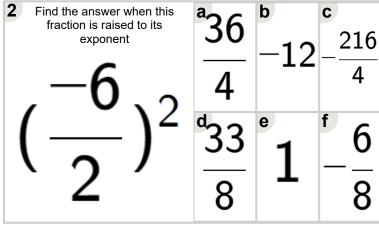


Math worksheet on 'Exponents - Negative Fractional Base (Level 1)'. Part of a broader unit on 'Exponents - Fractional Bases and Exponents - Intro'

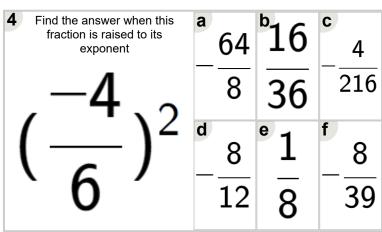
Learn online:

app.mobius.academy/math/units/exponents fractional bases and exponents intro/

Find the answer when this fraction is raised to its exponent	а —З	_ 10	<sup>c</sup> 25
$\sqrt{-5}$	3	4	4
$\left( \frac{1}{2} \right)^2$	<sup>d</sup> 22	<sup>e</sup> 5	<sup>f</sup> 3
`2'	8		



Find the answer when this fraction is raised to its exponent	а 1	<sup>b</sup> 1	<sup>c</sup> 4
$(-2)_{3}$	Т	5	<del>25</del>
( <del>_</del> ) <sup>∠</sup>	2	e 8	f 4
` 5 ′	10	10	625



Find the answer when this fraction is raised to its exponent	а	6	b	216	<sup>c</sup> 1
$\sqrt{-6}$		125		10	28
( )^_	d	4	е	216	<sup>f</sup> 36
` 5 ′		5		625	<del>25</del>

$$\begin{pmatrix} -2 \\ -3 \end{pmatrix}^2 \begin{pmatrix} -8 \\ -8 \\ -6 \end{pmatrix}^{e} \begin{pmatrix} -8 \\ 3 \\ 2 \end{pmatrix}^{e} \begin{pmatrix} -1 \\ 3 \\ 3 \end{pmatrix}^{e}$$

7 Find the answer when this fraction is raised to its exponent	a	8	8	° 8
-4		16	7	
- \				
$\left( \frac{1}{2} \right)^2$	d	64	<sup>e</sup> 16	<sup>f</sup> 256