



Math worksheet on 'Exponents - Negative Exponents, Negative Base (to Fraction Exponent Form) (Level 2)'. Part of a broader unit on 'Exponents - Negative and Fractional Bases and Exponents'

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2 What is another way of representing this number raised to a negative exponent?

$$(-3)^{-2}$$

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

1 What is another way of representing this number raised to a negative exponent?

$$(-5)^{-6}$$

a	5	b	-1	c	1
	$\frac{6^{-1}}{}$		$\frac{5^6}{}$		$\frac{6^5}{}$
d	5	e	-1	f	1
	$\frac{6^5}{}$		$\frac{6^5}{}$		$\frac{5^6}{}$

3 What is another way of representing this number raised to a negative exponent?

$$(-9)^{-4}$$

a	1	b	-1	c	9
	$\frac{9^4}{}$		$\frac{4^9}{}$		$\frac{4^9}{}$
d	9	e	1	f	-1
	$\frac{4^{-1}}{}$		$\frac{4^9}{}$		$\frac{9^4}{}$

4 What is another way of representing this number raised to a negative exponent?

$$(-5)^{-4}$$

a	1	b	-1	c	1
	$\frac{4^5}{}$		$\frac{5^4}{}$		$\frac{5^4}{}$
d	5	e	5	f	-1
	$\frac{4^5}{}$		$\frac{4^{-1}}{}$		$\frac{4^5}{}$

5 What is another way of representing this number raised to a negative exponent?

$$(-2)^{-3}$$

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

6 What is another way of representing this number raised to a negative exponent?

$$(-8)^{-5}$$

a	8	b	8	c	1
	$\frac{5^{-1}}{}$		$\frac{5^8}{}$		$\frac{5^8}{}$
d	1	e	-1	f	-1
	$\frac{8^5}{}$		$\frac{5^8}{}$		$\frac{8^5}{}$

7 What is another way of representing this number raised to a negative exponent?

$$(-2)^{-6}$$

a	2	b	-1	c	2
	$\frac{6^{-1}}{}$		$\frac{2^6}{}$		$\frac{6^2}{}$
d	-1	e	1	f	1
	$\frac{6^2}{}$		$\frac{2^6}{}$		$\frac{6^2}{}$