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

$(-9)^{-2}$

a $\frac{1}{2^9}$ b $\frac{1}{9^2}$ c $\frac{9}{2^9}$

d $\frac{-1}{2^9}$ e $\frac{9}{2^{-1}}$ f $\frac{-1}{9^2}$

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

$(-10)^{-2}$

a $\frac{-1}{10^2}$ b $\frac{1}{10^2}$ c $\frac{-1}{2^{10}}$

d $\frac{10}{2^{10}}$ e $\frac{1}{2^{10}}$ f $\frac{10}{2^{-1}}$

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

$(-2)^{-6}$

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

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

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

$(-4)^{-2}$

a $\frac{-1}{2^4}$ b $\frac{1}{4^2}$ c $\frac{4}{2^{-1}}$

d $\frac{4}{2^4}$ e $\frac{-1}{4^2}$ f $\frac{1}{2^4}$

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

$(-7)^{-4}$

a $\frac{7}{4^7}$ b $\frac{1}{4^7}$ c $\frac{-1}{7^4}$

d $\frac{7}{4^{-1}}$ e $\frac{-1}{4^7}$ f $\frac{1}{7^4}$

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

$(-9)^{-3}$

a $\frac{-1}{9^3}$ b $\frac{9}{3^9}$ c $\frac{1}{3^9}$

d $\frac{9}{3^{-1}}$ e $\frac{-1}{3^9}$ f $\frac{1}{9^3}$

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

$(-7)^{-2}$

a $\frac{-1}{2^7}$ b $\frac{7}{2^{-1}}$ c $\frac{1}{7^2}$

d $\frac{7}{2^7}$ e $\frac{1}{2^7}$ f $\frac{-1}{7^2}$