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Math worksheet on *'Exponents - Negative Exponents (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?

8^{-5}

a) $\frac{1}{8^5}$ b) $\frac{-1}{8^5}$ c) $\frac{1}{5^8}$

d) $\frac{-1}{5^8}$ e) $\frac{8}{5^8}$ f) $\frac{8}{5^{-1}}$

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

10^{-5}

a) $\frac{1}{5^{10}}$ b) $\frac{-1}{5^{10}}$ c) $\frac{-1}{10^5}$

d) $\frac{10}{5^{-1}}$ e) $\frac{1}{10^5}$ f) $\frac{10}{5^{10}}$

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

3^{-4}

a) $\frac{1}{3^4}$ b) $\frac{1}{4^3}$ c) $\frac{-1}{4^3}$

d) $\frac{3}{4^{-1}}$ e) $\frac{-1}{3^4}$ f) $\frac{3}{4^3}$

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

2^{-6}

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

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

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

6^{-2}

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

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

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

3^{-5}

a) $\frac{1}{5^3}$ b) $\frac{3}{5^3}$ c) $\frac{-1}{3^5}$

d) $\frac{3}{5^{-1}}$ e) $\frac{1}{3^5}$ f) $\frac{-1}{5^3}$

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

5^{-6}

a) $\frac{-1}{5^6}$ b) $\frac{1}{6^5}$ c) $\frac{-1}{6^5}$

d) $\frac{5}{6^5}$ e) $\frac{1}{5^6}$ f) $\frac{5}{6^{-1}}$