mobius

Exponents - Negative Exponents (to Fraction Exponent Form)

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

$$4^{-2}$$

A $\dfrac{-1}{2^4}$ B $\dfrac{1}{4^2}$ C $\dfrac{4}{2^4}$

D $\dfrac{-1}{4^2}$ E $\dfrac{4}{2^{-1}}$ F $\dfrac{1}{2^4}$

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

$$10^{-2}$$

A $\dfrac{-1}{10^2}$ B $\dfrac{1}{2^{10}}$ C $\dfrac{10}{2^{10}}$

D $\dfrac{1}{10^2}$ E $\dfrac{-1}{2^{10}}$ F $\dfrac{10}{2^{-1}}$

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

$$6^{-2}$$

A $\dfrac{-1}{6^2}$ B $\dfrac{1}{6^2}$ C $\dfrac{-1}{2^6}$

D $\dfrac{1}{2^6}$ E $\dfrac{6}{2^6}$ F $\dfrac{6}{2^{-1}}$

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

$$9^{-2}$$

A $\dfrac{-1}{9^2}$ B $\dfrac{1}{9^2}$ C $\dfrac{-1}{2^9}$

D $\dfrac{9}{2^{-1}}$ E $\dfrac{1}{2^9}$ F $\dfrac{9}{2^9}$

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

$$8^{-2}$$

A $\dfrac{-1}{2^8}$ B $\dfrac{-1}{8^2}$ C $\dfrac{8}{2^{-1}}$

D $\dfrac{1}{8^2}$ E $\dfrac{8}{2^8}$ F $\dfrac{1}{2^8}$

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

$$5^{-2}$$

A $\dfrac{1}{5^2}$ B $\dfrac{5}{2^{-1}}$ C $\dfrac{1}{2^5}$

D $\dfrac{-1}{2^5}$ E $\dfrac{5}{2^5}$ F $\dfrac{-1}{5^2}$

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

$$7^{-2}$$

A $\dfrac{-1}{7^2}$ B $\dfrac{-1}{2^7}$ C $\dfrac{1}{7^2}$

D $\dfrac{7}{2^7}$ E $\dfrac{7}{2^{-1}}$ F $\dfrac{1}{2^7}$

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

$$3^{-2}$$

A $\dfrac{-1}{3^2}$ B $\dfrac{3}{2^3}$ C $\dfrac{3}{2^{-1}}$

D $\dfrac{1}{3^2}$ E $\dfrac{-1}{2^3}$ F $\dfrac{1}{2^3}$