mobius
Exponents - Negative Exponents, Negative Base

1 Find the answer when this number is raised to its exponent

$$(-10)^{-2}$$

A $\dfrac{-1}{20}$	B $\dfrac{1}{10}$	C $\dfrac{1}{20}$
D $\dfrac{1}{100}$	E $\dfrac{-1}{1000}$	F $\dfrac{-1}{103}$

2 Find the answer when this number is raised to its exponent

$$(-5)^{-2}$$

A $\dfrac{-1}{625}$	B $\dfrac{-1}{7}$	C $\dfrac{1}{25}$
D $\dfrac{-1}{10}$	E $\dfrac{1}{28}$	F $\dfrac{-1}{28}$

3 Find the answer when this number is raised to its exponent

$$(-7)^{-2}$$

A $\dfrac{1}{49}$	B $\dfrac{-1}{7}$	C $\dfrac{-1}{343}$
D $\dfrac{1}{7}$	E $\dfrac{1}{343}$	F $\dfrac{-1}{9}$

4 Find the answer when this number is raised to its exponent

$$(-8)^{-2}$$

A $\dfrac{1}{64}$	B $\dfrac{-1}{1}$	C $\dfrac{-1}{512}$
D $\dfrac{1}{67}$	E $\dfrac{1}{1}$	F $\dfrac{1}{10}$

5 Find the answer when this number is raised to its exponent

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

A $\dfrac{1}{9}$	B $\dfrac{-1}{3}$	C $\dfrac{1}{6}$
D $\dfrac{1}{27}$	E $\dfrac{-1}{12}$	F $\dfrac{1}{3}$

6 Find the answer when this number is raised to its exponent

$$(-4)^{-2}$$

A $\dfrac{1}{8}$	B $\dfrac{1}{16}$	C $\dfrac{-1}{4}$
D $\dfrac{-1}{64}$	E $\dfrac{-1}{6}$	F $\dfrac{1}{64}$

7 Find the answer when this number is raised to its exponent

$$(-9)^{-2}$$

A $\dfrac{1}{11}$	B $\dfrac{-1}{6561}$	C $\dfrac{1}{81}$
D $\dfrac{-1}{84}$	E $\dfrac{-1}{729}$	F $\dfrac{1}{18}$

8 Find the answer when this number is raised to its exponent

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

A $\dfrac{1}{39}$	B $\dfrac{-1}{8}$	C $\dfrac{-1}{12}$
D $\dfrac{1}{216}$	E $\dfrac{1}{36}$	F $\dfrac{1}{12}$

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