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

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

$(-8)^{-2}$

a. $\frac{1}{67}$ b. $\frac{-1}{512}$ c. $\frac{1}{64}$

d. $\frac{1}{1}$ e. $\frac{-1}{1}$ f. $\frac{1}{10}$

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

$(-7)^{-2}$

a. $\frac{1}{49}$ b. $\frac{1}{7}$ c. $\frac{-1}{343}$

d. $\frac{-1}{7}$ e. $\frac{1}{343}$ f. $\frac{-1}{9}$

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

$(-4)^{-3}$

a. $\frac{-1}{67}$ b. $\frac{-1}{64}$ c. $\frac{1}{16}$

d. $\frac{-1}{7}$ e. $\frac{-1}{16}$ f. $\frac{-1}{4}$

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

$(-6)^{-2}$

a. $\frac{1}{216}$ b. $\frac{-1}{12}$ c. $\frac{1}{39}$

d. $\frac{1}{36}$ e. $\frac{-1}{8}$ f. $\frac{1}{12}$

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

$(-11)^{-2}$

a. $\frac{1}{121}$ b. $\frac{-1}{1}$ c. $\frac{1}{13}$

d. $\frac{1}{118}$ e. $\frac{-1}{118}$ f. $\frac{1}{22}$

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

$(-10)^{-2}$

a. $\frac{1}{10}$ b. $\frac{-1}{1000}$ c. $\frac{1}{20}$

d. $\frac{-1}{20}$ e. $\frac{-1}{103}$ f. $\frac{1}{100}$

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

$(-5)^{-2}$

a. $\frac{-1}{10}$ b. $\frac{1}{28}$ c. $\frac{1}{25}$

d. $\frac{-1}{28}$ e. $\frac{-1}{7}$ f. $\frac{-1}{625}$