



Math worksheet on 'Exponents - Negative Exponents (Level 2)'. Part of a broader unit on 'Exponents - Advanced'

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

$$6^{-3}$$

a $\frac{1}{18}$	b $\frac{1}{36}$	c $\frac{1}{7776}$
d $\frac{1}{216}$	e $\frac{1}{9}$	f $\frac{1}{1296}$

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

$$6^{-2}$$

a $\frac{1}{36}$	b $\frac{1}{36}$	c $\frac{1}{216}$
d $\frac{1}{8}$	e $\frac{1}{12}$	f $\frac{1}{6}$

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

$$5^{-3}$$

a $\frac{1}{25}$	b $\frac{1}{625}$	c $\frac{1}{125}$
d $\frac{1}{15}$	e $\frac{1}{8}$	f $\frac{1}{3125}$

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

$$5^{-2}$$

a $\frac{1}{7}$	b $\frac{1}{5}$	c $\frac{1}{125}$
d $\frac{1}{10}$	e $\frac{1}{1}$	f $\frac{1}{25}$

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

$$7^{-2}$$

a $\frac{1}{343}$	b $\frac{1}{14}$	c $\frac{1}{2401}$
d $\frac{1}{49}$	e $\frac{1}{52}$	f $\frac{1}{9}$

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

$$2^{-3}$$

a $\frac{1}{5}$	b $\frac{1}{2}$	c $\frac{1}{32}$
d $\frac{1}{8}$	e $\frac{1}{16}$	f $\frac{1}{4}$

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

$$4^{-2}$$

a $\frac{1}{16}$	b $\frac{1}{4}$	c $\frac{1}{13}$
d $\frac{1}{1}$	e $\frac{1}{6}$	f $\frac{1}{64}$