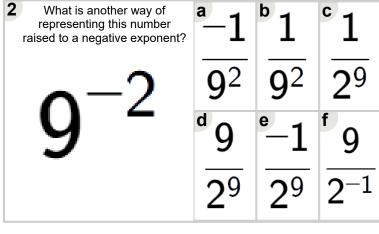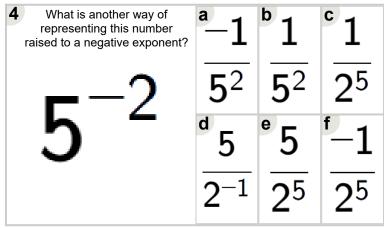Name:_____

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Math worksheet on *'Exponents - Negative Exponents (to Fraction Exponent Form) (Level 1)'*. Part of a broader unit on *'Exponents - Advanced'*

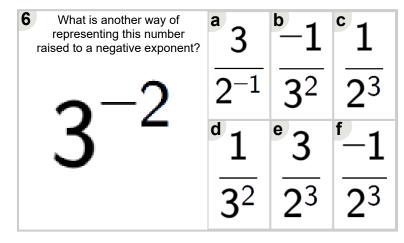Learn online: app.mobius.academy/math/units/exponents_advanced/

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

$$4^{-2}$$

a	b	c
$\dfrac{1}{4^2}$	$\dfrac{-1}{2^4}$	$\dfrac{4}{2^4}$
d $\dfrac{1}{2^4}$	**e** $\dfrac{-1}{4^2}$	**f** $\dfrac{4}{2^{-1}}$

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

$$9^{-2}$$

a	b	c
$\dfrac{-1}{9^2}$	$\dfrac{1}{9^2}$	$\dfrac{1}{2^9}$
d $\dfrac{9}{2^9}$	**e** $\dfrac{-1}{2^9}$	**f** $\dfrac{9}{2^{-1}}$

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

$$6^{-2}$$

a	b	c
$\dfrac{6}{2^{-1}}$	$\dfrac{6}{2^6}$	$\dfrac{-1}{2^6}$
d $\dfrac{-1}{6^2}$	**e** $\dfrac{1}{6^2}$	**f** $\dfrac{1}{2^6}$

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

$$5^{-2}$$

a	b	c
$\dfrac{-1}{5^2}$	$\dfrac{1}{5^2}$	$\dfrac{1}{2^5}$
d $\dfrac{5}{2^{-1}}$	**e** $\dfrac{5}{2^5}$	**f** $\dfrac{-1}{2^5}$

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

$$10^{-2}$$

a	b	c
$\dfrac{1}{2^{10}}$	$\dfrac{10}{2^{10}}$	$\dfrac{-1}{10^2}$
d $\dfrac{10}{2^{-1}}$	**e** $\dfrac{-1}{2^{10}}$	**f** $\dfrac{1}{10^2}$

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

$$3^{-2}$$

a	b	c
$\dfrac{3}{2^{-1}}$	$\dfrac{-1}{3^2}$	$\dfrac{1}{2^3}$
d $\dfrac{1}{3^2}$	**e** $\dfrac{3}{2^3}$	**f** $\dfrac{-1}{2^3}$

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

$$7^{-2}$$

a	b	c
$\dfrac{-1}{7^2}$	$\dfrac{-1}{2^7}$	$\dfrac{1}{7^2}$
d $\dfrac{7}{2^7}$	**e** $\dfrac{1}{2^7}$	**f** $\dfrac{7}{2^{-1}}$