



Math worksheet on 'Exponents - Unit Fraction Base (Level 1)'. Part of a broader unit on 'Exponents - Fractional Bases and Exponents - Intro'

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

$$\left(\frac{1}{4}\right)^2$$

a	$\frac{1}{4}$	b	$\frac{2}{4}$	c	$\frac{2}{4}$
d	3	e	$\frac{1}{16}$	f	1

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

$$\left(\frac{1}{3}\right)^2$$

a	3	b	$\frac{1}{6}$	c	$\frac{2}{81}$
d	$\frac{1}{9}$	e	$\frac{1}{3}$	f	$\frac{2}{6}$

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

$$\left(\frac{1}{6}\right)^2$$

a	$\frac{1}{39}$	b	$\frac{4}{39}$	c	$\frac{1}{8}$
d	$\frac{1}{1,296}$	e	$\frac{1}{216}$	f	$\frac{1}{36}$

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

$$\left(\frac{1}{2}\right)^2$$

a	1	b	$\frac{3}{4}$	c	$\frac{1}{16}$
d	$\frac{1}{4}$	e	3	f	$\frac{4}{2}$

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

$$\left(\frac{1}{5}\right)^2$$

a	$\frac{2}{28}$	b	$\frac{1}{10}$	c	1
d	$\frac{2}{5}$	e	$\frac{3}{125}$	f	$\frac{1}{25}$