Math worksheet on *'Exponents - Negative Fractional Base (Expanded Fraction) (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 multiplied as shown

$$\left(\frac{-6}{5}\right)\cdot\left(\frac{-6}{5}\right)$$

a	b	c
-12	$-\frac{6}{625}$	$-\frac{216}{5}$
d	**e**	**f**
-6	$-\frac{6}{125}$	$\frac{36}{25}$

2 Find the answer when this fraction is multiplied as shown

$$\left(\frac{-3}{6}\right)\cdot\left(\frac{-3}{6}\right)$$

a	b	c
$-\frac{3}{6}$	$-\frac{27}{6}$	$\frac{9}{36}$
d	**e**	**f**
$\frac{81}{1,296}$	$\frac{81}{216}$	$-\frac{27}{216}$

3 Find the answer when this fraction is multiplied as shown

$$\left(\frac{-5}{6}\right)\cdot\left(\frac{-5}{6}\right)$$

a	b	c
$\frac{22}{39}$	$-\frac{125}{33}$	$\frac{625}{8}$
d	**e**	**f**
$\frac{625}{33}$	$\frac{1}{12}$	$\frac{25}{36}$

4 Find the answer when this fraction is multiplied as shown

$$\left(\frac{-3}{4}\right)\cdot\left(\frac{-3}{4}\right)$$

a	b	c
$-\frac{27}{8}$	$\frac{9}{16}$	$\frac{81}{4}$
d	**e**	**f**
$-\frac{3}{4}$	-6	-3

5 Find the answer when this fraction is multiplied as shown

$$\left(\frac{-6}{4}\right)\cdot\left(\frac{-6}{4}\right)$$

a	b	c
$\frac{36}{16}$	$\frac{39}{64}$	$-\frac{4}{8}$
d	**e**	**f**
$-\frac{4}{4}$	$-\frac{12}{4}$	$-\frac{6}{64}$

6 Find the answer when this fraction is multiplied as shown

$$\left(\frac{-5}{2}\right)\cdot\left(\frac{-5}{2}\right)$$

a	b	c
$\frac{25}{4}$	$-\frac{125}{2}$	$-\frac{125}{8}$
d	**e**	**f**
$-\frac{10}{2}$	$-\frac{5}{4}$	$\frac{1}{7}$

7 Find the answer when this fraction is multiplied as shown

$$\left(\frac{-2}{6}\right)\cdot\left(\frac{-2}{6}\right)$$

a	b	c
$-\frac{4}{6}$	$\frac{4}{36}$	$\frac{16}{12}$
d	**e**	**f**
$\frac{16}{8}$	$-\frac{8}{39}$	$-\frac{4}{216}$