



Math worksheet on 'Exponents - Negative Fractiona Base (Expanded Fraction) (Level 2)'. Part of a broad unit on 'Exponents - Fractional Bases and Exponents Practice'

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2 Find the answer when this fraction is multiplied as shown

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

a	$\frac{9}{61}$	b	$\frac{30}{256}$	c	$\frac{81}{4}$	d	$\frac{81}{16}$	e	$\frac{9}{16}$	f	$\frac{27}{64}$
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1 Find the answer when this fraction is multiplied as shown

$$\left(\frac{-7}{2}\right) \cdot \left(\frac{-7}{2}\right)$$

a	$\frac{7}{4}$	b	$\frac{49}{4}$	c	$\frac{343}{4}$
d	$\frac{5}{16}$	e	$\frac{7}{8}$	f	$\frac{5}{2}$

3 Find the answer when this fraction is multiplied as shown

$$\left(\frac{-7}{4}\right) \cdot \left(\frac{-7}{4}\right)$$

a	$\frac{14}{64}$	b	$\frac{7}{8}$	c	$\frac{1}{13}$
d	$\frac{49}{16}$	e	$\frac{14}{8}$	f	$\frac{343}{64}$

4 Find the answer when this fraction is multiplied as shown

$$\left(\frac{-8}{4}\right) \cdot \left(\frac{-8}{4}\right)$$

a	$\frac{6}{8}$	b	$\frac{4,096}{256}$	c	$\frac{512}{4}$
d	$\frac{8}{4}$	e	$\frac{64}{16}$	f	$\frac{1}{64}$

5 Find the answer when this fraction is multiplied as shown

$$\left(\frac{-5}{7}\right) \cdot \left(\frac{-5}{7}\right)$$

a	$\frac{625}{14}$	b	$\frac{3}{14}$	c	$\frac{1}{9}$
d	$\frac{1}{7}$	e	$\frac{10}{14}$	f	$\frac{25}{49}$

6 Find the answer when this fraction is multiplied as shown

$$\left(\frac{-8}{7}\right) \cdot \left(\frac{-8}{7}\right)$$

a	$\frac{512}{14}$	b	$\frac{1}{7}$	c	$\frac{512}{7}$
d	$\frac{6}{9}$	e	$\frac{4,096}{14}$	f	$\frac{64}{49}$

7 Find the answer when this fraction is multiplied as shown

$$\left(\frac{-8}{6}\right) \cdot \left(\frac{-8}{6}\right)$$

a	$\frac{8}{8}$	b	$\frac{512}{33}$	c	$\frac{16}{39}$
d	$\frac{4,096}{36}$	e	$\frac{64}{36}$	f	$\frac{16}{216}$