



Math worksheet on 'Exponents - Division - Negative by Positive to Negative Fraction (Level 1)'. Part of a broader unit on 'Exponents - Division - Intro'

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

1 Find the answer when these terms are divided

$$\frac{n^{-4}}{n^3}$$

a $\frac{1}{n^8}$	b $\frac{1}{n^9}$	c $\frac{1}{n^7}$
d $\frac{1}{n^{10}}$	e $\frac{1}{n^5}$	f $\frac{1}{n^6}$

2 Find the answer when these terms are divided

$$\frac{n^{-4}}{n^1}$$

a $\frac{1}{n^5}$	b $\frac{1}{n^3}$	c $\frac{1}{n^8}$
d $\frac{1}{n^4}$	e $\frac{1}{n^6}$	f $\frac{1}{n^7}$

3 Find the answer when these terms are divided

$$\frac{z^{-4}}{z^4}$$

a $\frac{1}{z^{10}}$	b $\frac{1}{z^5}$	c $\frac{1}{z^7}$
d $\frac{1}{z^8}$	e $\frac{1}{z^6}$	f $\frac{1}{z^{11}}$

4 Find the answer when these terms are divided

$$\frac{x^{-3}}{x^2}$$

a $\frac{1}{x^5}$	b $\frac{1}{x^6}$	c $\frac{1}{x^7}$
d $\frac{1}{x^4}$	e $\frac{1}{x^2}$	f $\frac{1}{x^8}$

5 Find the answer when these terms are divided

$$\frac{d^{-4}}{d^3}$$

a $\frac{1}{d^9}$	b $\frac{1}{d^7}$	c $\frac{1}{d^5}$
d $\frac{1}{d^6}$	e $\frac{1}{d^8}$	f $\frac{1}{d^4}$

6 Find the answer when these terms are divided

$$\frac{p^{-4}}{p^1}$$

a $\frac{1}{p^2}$	b $\frac{1}{p^3}$	c $\frac{1}{p^8}$
d $\frac{1}{p^5}$	e $\frac{1}{p^7}$	f $\frac{1}{p^6}$

7 Find the answer when these terms are divided

$$\frac{b^{-3}}{b^3}$$

a $\frac{1}{b^9}$	b $\frac{1}{b^6}$	c $\frac{1}{b^7}$
d $\frac{1}{b^3}$	e $\frac{1}{b^8}$	f $\frac{1}{b^4}$