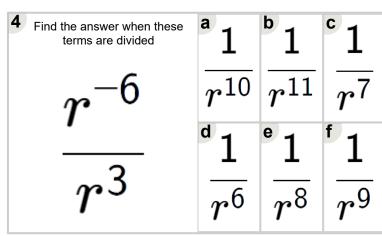# mobius

Math worksheet on *'Exponents - Division - Negative by Positive to Negative Fraction (Level 2)'*. Part of a broader unit on *'Exponents - Division - Intro'*

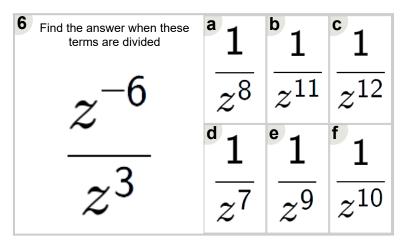Learn online: app.mobius.academy/math/units/exponents_division_intro/

1 Find the answer when these terms are divided

$$\frac{x^{-7}}{x^3}$$

a $\dfrac{1}{x^{11}}$	b $\dfrac{1}{x^7}$	c $\dfrac{1}{x^{13}}$
d $\dfrac{1}{x^{12}}$	e $\dfrac{1}{x^{10}}$	f $\dfrac{1}{x^8}$

2 Find the answer when these terms are divided

$$\frac{c^{-6}}{c^4}$$

a $\dfrac{1}{c^{10}}$	b $\dfrac{1}{c^7}$	c $\dfrac{1}{c^{11}}$
d $\dfrac{1}{c^{13}}$	e $\dfrac{1}{c^9}$	f $\dfrac{1}{c^{12}}$

3 Find the answer when these terms are divided

$$\frac{x^{-8}}{x^4}$$

a $\dfrac{1}{x^9}$	b $\dfrac{1}{x^{13}}$	c $\dfrac{1}{x^{12}}$
d $\dfrac{1}{x^{10}}$	e $\dfrac{1}{x^{11}}$	f $\dfrac{1}{x^{14}}$

4 Find the answer when these terms are divided

$$\frac{r^{-6}}{r^3}$$

a $\dfrac{1}{r^{10}}$	b $\dfrac{1}{r^{11}}$	c $\dfrac{1}{r^7}$
d $\dfrac{1}{r^6}$	e $\dfrac{1}{r^8}$	f $\dfrac{1}{r^9}$

5 Find the answer when these terms are divided

$$\frac{m^{-8}}{m^3}$$

a $\dfrac{1}{m^{10}}$	b $\dfrac{1}{m^{12}}$	c $\dfrac{1}{m^8}$
d $\dfrac{1}{m^9}$	e $\dfrac{1}{m^{13}}$	f $\dfrac{1}{m^{11}}$

6 Find the answer when these terms are divided

$$\frac{z^{-6}}{z^3}$$

a $\dfrac{1}{z^8}$	b $\dfrac{1}{z^{11}}$	c $\dfrac{1}{z^{12}}$
d $\dfrac{1}{z^7}$	e $\dfrac{1}{z^9}$	f $\dfrac{1}{z^{10}}$

7 Find the answer when these terms are divided

$$\frac{m^{-7}}{m^3}$$

a $\dfrac{1}{m^7}$	b $\dfrac{1}{m^{12}}$	c $\dfrac{1}{m^8}$
d $\dfrac{1}{m^{11}}$	e $\dfrac{1}{m^{10}}$	f $\dfrac{1}{m^9}$