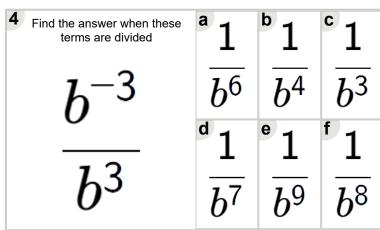# mobius

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

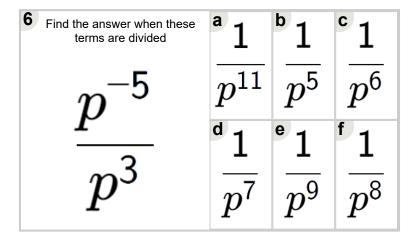Learn online: app.mobius.academy/math/units/exponents_division_intro/

1 Find the answer when these terms are divided

$$\frac{r^{-4}}{r^2}$$

a	b	c
$\dfrac{1}{r^7}$	$\dfrac{1}{r^4}$	$\dfrac{1}{r^8}$

d	e	f
$\dfrac{1}{r^9}$	$\dfrac{1}{r^6}$	$\dfrac{1}{r^5}$

2 Find the answer when these terms are divided

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

a	b	c
$\dfrac{1}{p^3}$	$\dfrac{1}{p^7}$	$\dfrac{1}{p^8}$

d	e	f
$\dfrac{1}{p^4}$	$\dfrac{1}{p^6}$	$\dfrac{1}{p^5}$

3 Find the answer when these terms are divided

$$\frac{p^{-3}}{p^1}$$

a	b	c
$\dfrac{1}{p^3}$	$\dfrac{1}{p^2}$	$\dfrac{1}{p^7}$

d	e	f
$\dfrac{1}{p^4}$	$\dfrac{1}{p^5}$	$\dfrac{1}{p^6}$

4 Find the answer when these terms are divided

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

a	b	c
$\dfrac{1}{b^6}$	$\dfrac{1}{b^4}$	$\dfrac{1}{b^3}$

d	e	f
$\dfrac{1}{b^7}$	$\dfrac{1}{b^9}$	$\dfrac{1}{b^8}$

5 Find the answer when these terms are divided

$$\frac{m^{-3}}{m^1}$$

a	b	c
$\dfrac{1}{m}$	$\dfrac{1}{m^2}$	$\dfrac{1}{m^4}$

d	e	f
$\dfrac{1}{m^7}$	$\dfrac{1}{m^3}$	$\dfrac{1}{m^5}$

6 Find the answer when these terms are divided

$$\frac{p^{-5}}{p^3}$$

a	b	c
$\dfrac{1}{p^{11}}$	$\dfrac{1}{p^5}$	$\dfrac{1}{p^6}$

d	e	f
$\dfrac{1}{p^7}$	$\dfrac{1}{p^9}$	$\dfrac{1}{p^8}$

7 Find the answer when these terms are divided

$$\frac{p^{-5}}{p^4}$$

a	b	c
$\dfrac{1}{p^{10}}$	$\dfrac{1}{p^8}$	$\dfrac{1}{p^9}$

d	e	f
$\dfrac{1}{p^{11}}$	$\dfrac{1}{p^6}$	$\dfrac{1}{p^7}$