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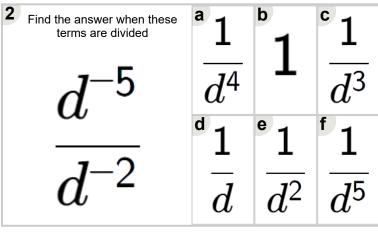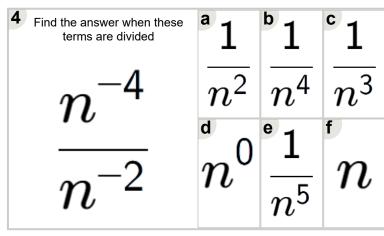
Math worksheet on *'Exponents - Division - Negative by Negative to Negative Fraction (Level 1)'*. Part of a broader unit on *'Exponents - Division - Intro'*

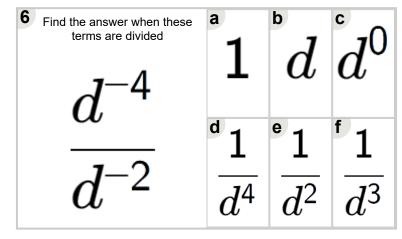Learn online: app.mobius.academy/math/units/exponents_division_intro/

1 Find the answer when these terms are divided

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

a	b	c
r^0	r	$\dfrac{1}{r^2}$

d	e	f
r^2	$\dfrac{1}{r}$	r^3

2 Find the answer when these terms are divided

$$\frac{d^{-5}}{d^{-2}}$$

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

d	e	f
$\dfrac{1}{d}$	$\dfrac{1}{d^2}$	$\dfrac{1}{d^5}$

3 Find the answer when these terms are divided

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

a	b	c
$\dfrac{1}{x^3}$	$\dfrac{1}{x^2}$	$\dfrac{1}{x^4}$

d	e	f
x^0	$\dfrac{1}{x}$	$\dfrac{1}{x^5}$

4 Find the answer when these terms are divided

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

a	b	c
$\dfrac{1}{n^2}$	$\dfrac{1}{n^4}$	$\dfrac{1}{n^3}$

d	e	f
n^0	$\dfrac{1}{n^5}$	n

5 Find the answer when these terms are divided

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

a	b	c
$\dfrac{1}{z^3}$	z	$\dfrac{1}{z}$

d	e	f
$\dfrac{1}{z^4}$	z^0	$\dfrac{1}{z^2}$

6 Find the answer when these terms are divided

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

a	b	c
1	d	d^0

d	e	f
$\dfrac{1}{d^4}$	$\dfrac{1}{d^2}$	$\dfrac{1}{d^3}$

7 Find the answer when these terms are divided

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

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

d	e	f
1	$\dfrac{1}{p}$	$\dfrac{1}{p^2}$