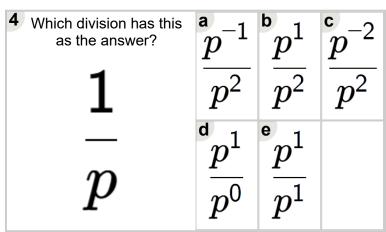# mobius

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

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

---

1 Which division has this as the answer?

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

a	b	c
$\dfrac{m^1}{m^2}$	$\dfrac{m^{-2}}{m^4}$	$\dfrac{m^3}{m^4}$
d	e	
$\dfrac{m^1}{m^4}$	$\dfrac{m^2}{m^4}$	

---

2 Which division has this as the answer?

$$\frac{1}{r^3}$$

a	b	c
$\dfrac{r^2}{r^4}$	$\dfrac{r^{-1}}{r^5}$	$\dfrac{r^2}{r^3}$
d	e	
$\dfrac{r^4}{r^5}$	$\dfrac{r^2}{r^5}$	

---

3 Which division has this as the answer?

$$\frac{1}{x^3}$$

a	b	c
$\dfrac{x^1}{x^4}$	$\dfrac{x^1}{x^1}$	$\dfrac{x^0}{x^4}$
d	e	
$\dfrac{x^1}{x^2}$	$\dfrac{x^1}{x^6}$	

---

4 Which division has this as the answer?

$$\frac{1}{p}$$

a	b	c
$\dfrac{p^{-1}}{p^2}$	$\dfrac{p^1}{p^2}$	$\dfrac{p^{-2}}{p^2}$
d	e	
$\dfrac{p^1}{p^0}$	$\dfrac{p^1}{p^1}$	

---

5 Which division has this as the answer?

$$\frac{1}{n}$$

a	b	c
$\dfrac{n^4}{n^6}$	$\dfrac{n^4}{n^3}$	$\dfrac{n^4}{n^5}$
d	e	
$\dfrac{n^4}{n^2}$	$\dfrac{n^1}{n^5}$	

---

6 Which division has this as the answer?

$$\frac{1}{b}$$

a	b	c
$\dfrac{b^1}{b^2}$	$\dfrac{b^{-2}}{b^2}$	$\dfrac{b^{-1}}{b^2}$
d	e	
$\dfrac{b^0}{b^2}$	$\dfrac{b^1}{b^4}$	

---

7 Which division has this as the answer?

$$\frac{1}{d^2}$$

a	b	c
$\dfrac{d^1}{d^3}$	$\dfrac{d^{-2}}{d^3}$	$\dfrac{d^1}{d^0}$
d	e	
$\dfrac{d^1}{d^5}$	$\dfrac{d^0}{d^3}$	