



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

Learn online: [app.mobius.academy/math/units/exponents\\_division\\_intro/](http://app.mobius.academy/math/units/exponents_division_intro/)

1 Find the answer when these terms are divided

$$\frac{r \times r \times r \times r}{r \times r \times r}$$

- |               |       |   |     |       |       |
|---------------|-------|---|-----|-------|-------|
| a             | b     | c | d   | e     | f     |
| $\frac{1}{r}$ | $r^3$ | 1 | $r$ | $r^0$ | $r^2$ |

2 Find the answer when these terms are divided

$$\frac{z \times z \times z \times z \times z}{z \times z \times z \times z \times z}$$

- |               |       |                 |     |                 |       |
|---------------|-------|-----------------|-----|-----------------|-------|
| a             | b     | c               | d   | e               | f     |
| $\frac{1}{z}$ | $z^2$ | $\frac{1}{z^3}$ | $z$ | $\frac{1}{z^2}$ | $z^0$ |

3 Find the answer when these terms are divided

$$\frac{d \times d \times d \times d \times d}{d \times d}$$

- |       |     |       |       |       |       |
|-------|-----|-------|-------|-------|-------|
| a     | b   | c     | d     | e     | f     |
| $d^0$ | $d$ | $d^3$ | $d^6$ | $d^4$ | $d^5$ |

4 Find the answer when these terms are divided

$$\frac{x \times x \times x \times x \times x}{x \times x}$$

- |       |       |     |       |       |       |
|-------|-------|-----|-------|-------|-------|
| a     | b     | c   | d     | e     | f     |
| $x^3$ | $x^2$ | $x$ | $x^6$ | $x^0$ | $x^5$ |

5 Find the answer when these terms are divided

$$\frac{z \times z \times z \times z}{z \times z \times z \times z}$$

- |     |       |                 |       |   |               |
|-----|-------|-----------------|-------|---|---------------|
| a   | b     | c               | d     | e | f             |
| $z$ | $z^3$ | $\frac{1}{z^2}$ | $z^2$ | 1 | $\frac{1}{z}$ |

6 Find the answer when these terms are divided

$$\frac{m \times m}{m}$$

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

7 Find the answer when these terms are divided

$$\frac{d \times d \times d \times d \times d}{d \times d \times d \times d \times d}$$

- |       |   |     |               |                 |                 |
|-------|---|-----|---------------|-----------------|-----------------|
| a     | b | c   | d             | e               | f               |
| $d^2$ | 1 | $d$ | $\frac{1}{d}$ | $\frac{1}{d^3}$ | $\frac{1}{d^2}$ |