



## Exponents - Division Expanded Form To Exponents - Positive by Positive to

### Negative

**1** Find the answer when these terms are divided

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

- |                   |                   |                   |                 |                   |         |
|-------------------|-------------------|-------------------|-----------------|-------------------|---------|
| A $\frac{1}{r^2}$ | B $\frac{1}{r^5}$ | C $\frac{1}{r^6}$ | D $\frac{1}{r}$ | E $\frac{1}{r^3}$ | F $r^0$ |
|-------------------|-------------------|-------------------|-----------------|-------------------|---------|

**2** Find the answer when these terms are divided

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

- |         |                   |                   |                   |       |                 |
|---------|-------------------|-------------------|-------------------|-------|-----------------|
| A $m^0$ | B $\frac{1}{m^4}$ | C $\frac{1}{m^2}$ | D $\frac{1}{m^3}$ | E $m$ | F $\frac{1}{m}$ |
|---------|-------------------|-------------------|-------------------|-------|-----------------|

**3** Find the answer when these terms are divided

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

- |                   |         |                 |       |         |                   |
|-------------------|---------|-----------------|-------|---------|-------------------|
| A $\frac{1}{x^4}$ | B $x^2$ | C $\frac{1}{x}$ | D $x$ | E $x^0$ | F $\frac{1}{x^3}$ |
|-------------------|---------|-----------------|-------|---------|-------------------|

**4** Find the answer when these terms are divided

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

- |                   |                   |                   |                   |                 |       |
|-------------------|-------------------|-------------------|-------------------|-----------------|-------|
| A $\frac{1}{d^3}$ | B $\frac{1}{d^5}$ | C $\frac{1}{d^2}$ | D $\frac{1}{d^6}$ | E $\frac{1}{d}$ | F $1$ |
|-------------------|-------------------|-------------------|-------------------|-----------------|-------|

**5** Find the answer when these terms are divided

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

- |       |                   |                 |         |                   |       |
|-------|-------------------|-----------------|---------|-------------------|-------|
| A $1$ | B $\frac{1}{x^3}$ | C $\frac{1}{x}$ | D $x^2$ | E $\frac{1}{x^2}$ | F $x$ |
|-------|-------------------|-----------------|---------|-------------------|-------|

**6** Find the answer when these terms are divided

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

- |                   |                   |                   |                   |                 |                   |
|-------------------|-------------------|-------------------|-------------------|-----------------|-------------------|
| A $\frac{1}{z^4}$ | B $\frac{1}{z^2}$ | C $\frac{1}{z^3}$ | D $\frac{1}{z^6}$ | E $\frac{1}{z}$ | F $\frac{1}{z^7}$ |
|-------------------|-------------------|-------------------|-------------------|-----------------|-------------------|

**7** Find the answer when these terms are divided

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

- |         |                   |       |                   |                 |                   |
|---------|-------------------|-------|-------------------|-----------------|-------------------|
| A $m^0$ | B $\frac{1}{m^5}$ | C $1$ | D $\frac{1}{m^4}$ | E $\frac{1}{m}$ | F $\frac{1}{m^2}$ |
|---------|-------------------|-------|-------------------|-----------------|-------------------|

**8** Find the answer when these terms are divided

$$\frac{p \times p \times p}{p \times p \times p \times p \times p \times p \times p \times p}$$

- |                   |       |                   |                   |                 |                   |
|-------------------|-------|-------------------|-------------------|-----------------|-------------------|
| A $\frac{1}{p^5}$ | B $1$ | C $\frac{1}{p^4}$ | D $\frac{1}{p^6}$ | E $\frac{1}{p}$ | F $\frac{1}{p^3}$ |
|-------------------|-------|-------------------|-------------------|-----------------|-------------------|