



Math worksheet on 'Exponents - Division Expanded Form To Exponents - Positive by Positive to Negative (Level 2)'. 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

$$\frac{n \times n \times n}{n \times n \times n \times n \times n \times n \times n}$$

- | | | | | | |
|-----------------|-----------------|-----|-----------------|-----------------|-----------------|
| a | b | c | d | e | f |
| $\frac{1}{n^4}$ | $\frac{1}{n^2}$ | n | $\frac{1}{n^7}$ | $\frac{1}{n^6}$ | $\frac{1}{n^5}$ |

2 Find the answer when these terms are divided

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

- | | | | | | |
|---------------|-----------------|-------|-----------------|-------|-----|
| a | b | c | d | e | f |
| $\frac{1}{m}$ | $\frac{1}{m^3}$ | m^0 | $\frac{1}{m^4}$ | m^2 | m |

3 Find the answer when these terms are divided

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

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

4 Find the answer when these terms are divided

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

- | | | | | | |
|-------|---------------|-----------------|-----|-----------------|-----------------|
| a | b | c | d | e | f |
| m^0 | $\frac{1}{m}$ | $\frac{1}{m^4}$ | 1 | $\frac{1}{m^2}$ | $\frac{1}{m^5}$ |

5 Find the answer when these terms are divided

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

- | | | | | | |
|-----------------|-----------------|-----------------|---------------|-----------------|-----------------|
| a | b | c | d | e | f |
| $\frac{1}{z^2}$ | $\frac{1}{z^5}$ | $\frac{1}{z^4}$ | $\frac{1}{z}$ | $\frac{1}{z^3}$ | $\frac{1}{z^6}$ |

6 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 | b | c | d | e | f |
| $\frac{1}{m^2}$ | $\frac{1}{m^5}$ | $\frac{1}{m^7}$ | $\frac{1}{m^6}$ | $\frac{1}{m^4}$ | $\frac{1}{m^3}$ |

7 Find the answer when these terms are divided

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

- | | | | | | |
|-----------------|-----------------|-----------------|-----------------|-------|-----------------|
| a | b | c | d | e | f |
| $\frac{1}{m^3}$ | $\frac{1}{m^5}$ | $\frac{1}{m^2}$ | $\frac{1}{m^4}$ | m^0 | $\frac{1}{m^6}$ |