

# 1 Potenzen

## 1.1 addieren von Potenzen

$$\begin{aligned}7b^2 + 5b^2 \\ 9p^q + 6q^p \\ 3y^z - 9y^z \\ r^3 + 12s^3\end{aligned}$$

$$\begin{aligned}2z^8 + (-4)z^3 \\ 8q^1 + 8q \\ 9u^7 + 5u^3 \\ 5o^e + 2o^{4e}\end{aligned}$$

## 1.2 multiplizieren von Potenzen

$$\begin{aligned}u^{6z} \cdot u^{8z} \\ g^{8i} \cdot 12q^{3i} \\ 8q^{2e} \cdot 4p^{2e} \\ 3e^{7u} \cdot e^{2u}\end{aligned}$$

$$\begin{aligned}g^{2z} \cdot 3g^{8u} \\ f^3 \cdot 9f^4 \\ 3r^w \cdot edr^w \\ 4e^g \cdot 4e^{21g}\end{aligned}$$

## 1.3 dividieren von Potenzen

$$\begin{aligned}f^{3u} : f^{9u} \\ d^{3e} : 6d^{2e} \\ 8q^{54e} : 8p^{26e} \\ 33^{8u} : 11^{3u}\end{aligned}$$

$$\begin{aligned}8g^{2w} : 4g^w \\ f^{34} : ef^{21} \\ 3r^{23e} : 9r^{2e} \\ 4q^{12g} : 4p^g\end{aligned}$$

## 1.4 potenzieren von Potenzen

$$\begin{aligned}(a^2)^3 \\ (q^e)^2 \\ (z^{92})^q \\ (x^p)^q\end{aligned}$$

$$\begin{aligned}(d^2)^d \\ (f^3)^3 \\ (22^d)^5 \\ (42^g)^4\end{aligned}$$