

# Ausklammern 1

$$48 t^4 u^6 v^6 - 72 t^6 u^4 v^4 + 24 t^3 u^8 v^9 =$$

$$18 l^6 m^5 n^3 - 27 l^9 m^8 n^6 - 6 l^2 m^7 n^6 =$$

$$24 v^5 w^4 x^6 - 84 v^8 w^8 x^9 - 81 v^6 w^3 x^6 =$$

$$81 k^4 l^3 m^7 + 18 k^3 l^9 m^6 - 36 k^6 l^2 m^8 =$$

$$36 w^8 x^4 y^2 + 36 w^9 x^7 y^8 - 21 w^3 x^9 y^8 =$$

$$18 n^6 o^7 p^9 - 36 n^8 o^7 p^7 + 24 n^9 o^3 p^7 =$$

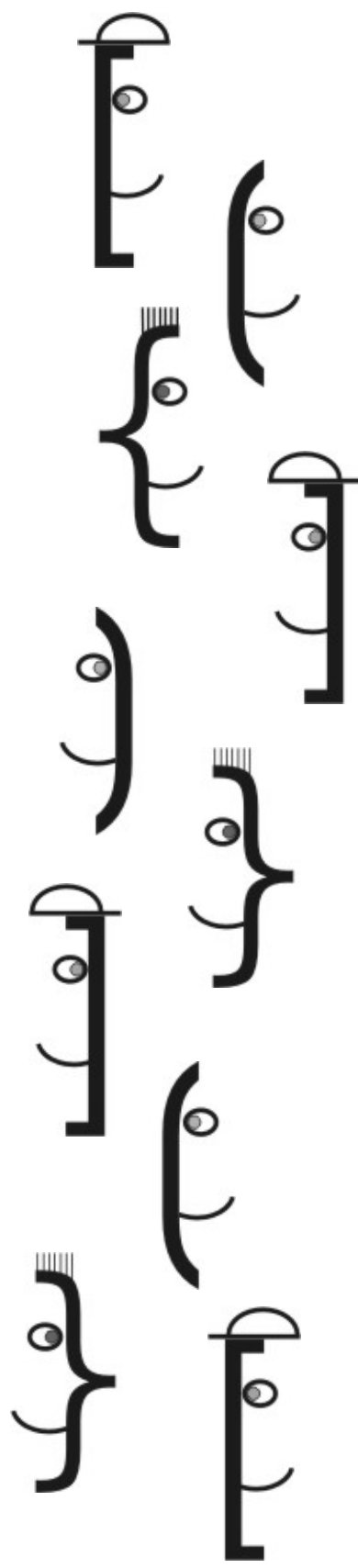
$$24 f^8 g^8 h^4 + 9 f^9 g^6 h^8 - 54 f^8 g^4 h^6 =$$

$$72 f^7 g^8 h^8 + 27 f^2 g^8 h^2 + 24 f^2 g^6 h^5 =$$

$$36 c^6 d^8 e^8 - 24 c^5 d^2 e^6 + 36 c^3 d^6 e^9 =$$

$$24 i^8 j^8 k^2 + 9 i^9 j^3 k^7 - 15 i^7 j^5 k^7 =$$

Zeichne  
eigene  
Klammer-  
bilder!



# Ausklammern 1 - Lösung

$$24 t^3 u^4 v^4 \left( 2 t^1 u^2 v^2 - 3 t^3 + 1 u^4 v^5 \right)$$

$$3 l^2 m^5 n^3 \left( 6 l^4 - 9 l^7 m^3 n^3 - 2 m^2 n^3 \right)$$

$$3 v^5 w^3 x^6 \left( 8 w^1 - 28 v^3 w^5 x^3 - 27 v^1 \right)$$

$$9 k^3 l^2 m^6 \left( 9 k^1 l^1 m^1 + 2 l^7 - 4 k^3 m^2 \right)$$

$$3 w^3 x^4 y^2 \left( 12 w^5 + 12 w^6 x^3 y^6 - 7 x^5 y^6 \right)$$

$$6 n^6 o^3 p^7 \left( 3 o^4 p^2 - 6 n^2 o^4 + 4 n^3 \right)$$

$$3 f^8 g^4 h^4 \left( 8 g^4 + 3 f^1 g^2 h^4 - 18 h^2 \right)$$

$$3 f^2 g^6 h^2 \left( 24 f^5 g^2 h^6 + 9 g^2 + 8 h^3 \right)$$

$$12 c^3 d^2 e^6 \left( 3 c^3 d^6 e^2 - 2 c^2 + 3 d^4 e^3 \right)$$

$$3 i^7 j^3 k^2 \left( 8 i^1 j^5 + 3 i^2 k^5 - 5 j^2 k^5 \right)$$

Der Exponent 1 wird normalerweise weggelassen.