

# Ausklammern 2

$$36 s^2 t^7 u^5 - 27 s^2 t^2 u^2 - 72 s^2 t^6 u^6 - 18 s^6 t^8 u^3 =$$

$$12 b^8 c^6 d^7 + 36 b^7 c^4 d^7 - 18 b^4 c^3 d^3 - 63 b^3 c^8 d^8 =$$

$$24 o^6 p^7 q^7 + 9 o^7 p^7 q^7 + 18 o^4 p^5 q^9 + 36 o^9 p^4 q^9 =$$

$$54 u^7 v^2 w^9 - 24 u^4 v^9 w^7 + 24 u^2 v^6 w^9 + 42 u^8 v^8 w^5 =$$

$$96 r^6 s^5 t^7 + 9 r^7 s^3 t^4 - 60 r^4 s^3 t^7 - 96 r^8 s^8 t^4 =$$

$$54 d^5 e^5 f^2 + 21 d^3 e^3 f^7 + 72 d^7 e^7 f^8 + 18 d^3 e^8 f^3 =$$

$$15 l^9 m^9 n^5 + 15 l^6 m^3 n^4 + 72 l^5 m^8 n^8 - 84 l^5 m^4 n^5 =$$

$$24 f^8 g^8 h^2 - 6 f^5 g^7 h^7 - 27 f^9 g^6 h^8 - 18 f^6 g^2 h^6 =$$

$$48 h^6 i^8 j^4 + 36 h^9 i^7 j^3 - 24 h^3 i^9 j^9 + 12 h^9 i^2 j^9 =$$

$$24 q^8 r^8 s^4 + 12 q^4 r^6 s^4 - 72 q^9 r^7 s^9 - 54 q^9 r^9 s^4 =$$



# Ausklammern 2 - Lösung

$$9s^2 t^2 u^1 \left( 4t^5 u^4 - 3 \quad - 8t^4 - 2s^4 t^6 u^2 \right)$$

$$3b^1 c^1 d^3 \left( 4b^7 d^3 + 12b^6 c^3 d^4 - 6c^3 - 21b^2 d^5 \right)$$

$$3o^1 p^1 q^1 \left( 8o^5 q^6 + 3o^6 p^6 + 6p^3 q^4 + 12o^8 p^3 q^8 \right)$$

$$6u^2 v^2 w^5 \left( 9u^5 w^4 - 4u^2 v^7 w^2 + 4v^4 w^4 + 7u^6 v^6 \right)$$

$$3r^1 s^3 t^1 \left( 32s^3 t^4 + 3r^6 - 20r^3 t^6 - 32r^7 s^5 t^3 \right)$$

$$3d^1 e^1 f^1 \left( 18d^4 e^4 f^1 + 7e^2 + 24d^6 e^6 f^7 + 6f^2 \right)$$

$$3l^1 m^3 n^4 \left( 5l^8 m^6 n^1 + 5l^5 + 24l^4 m^5 n^4 - 28m^2 \right)$$

$$3f^1 g^6 h^1 \left( 8f^7 g^2 h^1 - 2f^4 g^1 - 9f^8 h^7 - 6h^1 \right)$$

$$12h^3 i^1 j^3 \left( 4h^3 i^7 j^1 + 3h^6 i^6 - 2j^6 + 1h^6 i^1 j^6 \right)$$

$$6q^4 r^1 s^4 \left( 4q^4 r^7 + 2r^5 - 12q^5 s^3 - 9q^5 r^8 \right)$$

Der Exponent 1 wird normalerweise weggelassen.