

1. calcula:

$$\frac{3^{-2} \cdot 3^5 \cdot 2^3}{(3 \cdot 2)^4} \quad 3^{-5} \quad \cdot \quad \left(\frac{1}{3}\right)^{-2} \quad \cdot$$

$$\frac{81}{\frac{5^{-3} \cdot 5^{-1} \cdot 5^2}{5^0 + 5^6}} \quad \cdot \quad \frac{2^6}{5^2} \quad \frac{2^{-2} \cdot (2^2)^3}{2^{-3}} \quad \left(\frac{2}{3}\right)^{-2} \quad \cdot \quad \left(\frac{3}{2}\right)^4$$

$$\frac{\sqrt{2} \cdot (\sqrt{2})^3 \cdot (\sqrt{5})^3}{(5\sqrt{2})^2} \quad \frac{9^{\frac{1}{2}} \cdot 3^{-1} \cdot 2^{\frac{3}{2}}}{\sqrt{2}}$$