

$$1) \frac{(-1)^5 (3^5)}{3^3 (-1)^4} =$$

$$2) \sqrt[4]{2^4 \cdot 3^4} =$$

$$3) \left(\left(\frac{1}{64} \right)^{\frac{1}{2}} \right)^{\frac{1}{3}} =$$

$$4) \left(\sqrt[4]{\frac{9}{25}} \right)^2 =$$

$$5) \left(\frac{\sqrt[6]{\frac{1}{2} \cdot \frac{1}{4} \cdot \frac{1}{8}}}{1 - \frac{1}{2}} \right)^2 =$$

$$6) \left(\left(\left(\frac{6}{5} \right)^{15} \left(\frac{6}{5} \right)^9 \right)^{\frac{1}{3}} \right)^{\frac{1}{4}} =$$

$$7) 3^2 \left(\frac{1}{2} \right)^{-2} \left((-32)^{\frac{1}{3}} \right)^{-1} =$$

$$8) \left(2^{\frac{2}{3}} \cdot 4^{\frac{1}{3}} \cdot 16^{\frac{1}{6}} \right)^{\frac{3}{2}} =$$