

$$1) \frac{1}{7^3} \cdot 7^{-4} \cdot 49 =$$

$$2) 5^4 \cdot (-5)^3 \cdot \frac{1}{(-5)^2} =$$

$$3) \frac{5}{3} \cdot \left(\frac{3}{5}\right)^{-3} \cdot \left(-\frac{5}{3}\right)^8 =$$

$$4) \left(\frac{1}{20}\right) \cdot \left(\frac{1}{20}\right)^5 : \left(\frac{1}{20}\right)^{-4} =$$

$$5) \frac{1}{2} \cdot 2^7 =$$

$$6) \frac{10}{3} \cdot \frac{10}{3} \cdot \left(-\frac{10}{3}\right)^4 \cdot \left(\frac{3}{10}\right) =$$

$$7) \frac{1}{9} \cdot 3^4 =$$

$$8) 1^3 \cdot 5^3 \cdot 2^3 \cdot 3^3 =$$

$$9) (-6)^8 \cdot 6^3 \cdot \frac{1}{36} =$$

$$10) \frac{1}{9} \cdot 27 \cdot (-3)^4 =$$

$$11) \frac{1}{25} \cdot 125 \cdot (-5)^8 =$$

$$12) 2^7 \cdot 2^5 \cdot (-2)^4 \cdot \left(\frac{1}{8}\right)^{-1} =$$

$$13) \frac{1}{49} \cdot (-7)^5 =$$

$$14) (-4)^2 \cdot (-9)^2 \cdot 6^3 =$$

$$15) 5^3 \cdot (-5)^5 \cdot (-5)^2 \cdot 5^5 =$$

$$16) 64 \cdot \frac{1}{128} \cdot (-8) =$$

$$17) 169 \cdot \frac{1}{13} =$$

$$18) 121 \cdot \frac{1}{11} =$$

$$19) 10000 \cdot \frac{1}{10} \cdot 100 =$$

$$20) 7^5 \cdot \frac{1}{7^{-2}} =$$

$$21) \frac{1}{4} \cdot 8 \cdot (-2)^4 =$$

$$22) 49 \cdot (-7)^3 =$$

$$23) \frac{1}{81} \cdot 9^3 =$$

$$24) 4^7 : \frac{1}{16} =$$

$$25) (-4)^3 \cdot 4^3 =$$

$$26) \left(\frac{5}{3}\right)^4 \cdot \left(-\frac{5}{3}\right)^7 =$$

$$27) \left(\frac{7}{2}\right)^3 \cdot \left(\frac{2}{7}\right)^{-4} =$$

$$28) \left(\frac{3}{7}\right)^3 \cdot \left(\frac{9}{49}\right)^4 =$$

$$29) \left(\frac{1}{5}\right)^{-2} \cdot \left(\frac{1}{5}\right)^3 \cdot \left(\frac{1}{125}\right)^3 =$$

$$30) \left(-\frac{2}{3}\right)^5 \cdot \left(\frac{2}{3}\right)^6 \cdot \left(-\frac{2}{3}\right)^3 =$$

$$31) \frac{1}{9} \cdot 27 \cdot 81 =$$

$$32) \frac{1}{3^2} \cdot 3^3 \cdot 3^4 =$$

$$33) \frac{1}{8} \cdot \frac{1}{64} \cdot 128 \cdot (-2)^4 =$$

$$34) 2 \cdot (-2)^8 \cdot \frac{1}{4} =$$

$$35) 125 \cdot (-5)^4 \cdot \frac{1}{25} =$$

$$36) \frac{1}{49} \cdot (-7)^3 =$$

$$37) (7^4)^{-3} \cdot \frac{7^9}{7^2} \cdot [(-7)^6 \cdot (-7)^3] =$$

$$38) \sqrt{3} \cdot \sqrt{27} \cdot \frac{1}{\sqrt{9}} =$$

$$39) \left(\frac{2}{3}\right)^0 \left(\frac{3}{2}\right)^4 \cdot \left(-\frac{3}{2}\right)^4 \cdot \left(\frac{2}{3}\right)^{-4} =$$

$$40) \left(\frac{3}{6}\right)^4 \cdot \left(\frac{5}{10}\right)^4 \cdot 2^{-1} =$$

$$41) \left(\frac{1}{2} - 1\right)^2 - \left(-\frac{2}{3}\right)^2 - (-2)^0 =$$

$$42) \frac{1}{3} - 2 \left(3 - \frac{1}{4}\right) - 2^2 + [-4(-2+1)] =$$

$$43) \sqrt{1-5(-7)} - (-2) - (-2+12:4-2) =$$

$$44) 2\sqrt[3]{-64} - (4-3)^2 - 2^2 \left(-\frac{6}{3} + 1\right) =$$

$$45) \frac{1}{2} - \left(\frac{2}{3} + \frac{5}{6}\right)^2 - \sqrt{\frac{1}{9}} =$$

$$46) \frac{3}{4} \cdot \left(-\frac{1}{4} + \frac{2}{8}\right) + \sqrt[3]{-8} + \frac{1}{3} \cdot 3 =$$

$$47) -\frac{2}{15} + \left(-\frac{1}{5}\right)^2 - (-2)^0 + \left(-\frac{4}{5}\right) \cdot \frac{25}{2} =$$

$$48) -\left(\frac{-2}{6}\right) + \frac{1}{2} : \frac{5}{12} + \left(\frac{-1}{3}\right)^2 + \frac{2}{3} \cdot 3 =$$

$$49) 8^5 \cdot \frac{1}{24} \cdot \frac{192}{(5^2)^{-1}} \cdot \frac{5^{-2}}{2^5} \cdot \frac{1}{(-2)^4} = 2^9$$

$$50) \left(\frac{2}{3}\right)^{-3} - \left(-\frac{1}{2}\right)^{-3} + \left[\left(-\frac{1}{2}\right)^{-3}\right]^{-1}$$

$$51) \sqrt[3]{\frac{27}{8}} \cdot \sqrt{\frac{4}{9}} - \sqrt{\frac{64}{81}} : \sqrt{\frac{23 \cdot 2^6}{81 \cdot 23}}$$

$$52) \sqrt{3^8} \cdot \sqrt[6]{(-27)^4} \cdot \frac{1}{\sqrt[5]{9^{30}}} \cdot (-3)^5 \cdot (-3)^{25} = 3^{24}$$

$$53) \sqrt[12]{49} \cdot \sqrt[6]{7} \cdot \frac{1}{49} \cdot 7^3 = 7^{\frac{4}{3}}$$