



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



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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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