

بسط مايلي

$$A = \frac{\frac{3}{2} - 1}{\frac{3}{2} + 1} \times \frac{5^3}{18}; B = \frac{\frac{7}{4} - \frac{1}{5}}{\frac{3}{4} - 2} \times \frac{81}{50}; C = \frac{2+3}{2+7} \div \left(\frac{5}{3}\right)^2;$$

$$D = \frac{7}{18} \times \frac{2}{7} - \left(\frac{5}{3} - 1\right)^2 + 1; D = \frac{\left(\frac{2}{5} - \frac{3}{4}\right)^2}{\frac{5}{8} - \frac{3}{8}}; E = \frac{1 - \frac{1}{3}}{5 + \frac{1}{3}} \times \frac{1}{4} - 3$$

$$; F = \frac{1 + \frac{1}{3} - \frac{1}{2}}{2 + \frac{3}{4} + \frac{1}{3}}; G = \frac{-5 + 3^2 \times 2 + 4}{12 \times 2 + 10}; H = \frac{2}{a+1} + \frac{1 - \frac{1}{a}}{1 + \frac{1}{a}}; I$$

$$= \frac{49 \times (-2)^5 \times (-3)^{-2}}{-7^3 \times 16 \times 3^{-3}}; J = \frac{(-5)^4 \times 7^2 \times (-2)^{-3}}{(-4)^4 \times (-1)^5 \times 25}$$

$$K = 0,0000000005 \times 1004000000;$$

$$L = \frac{2^3}{3^4} \div \frac{2^2}{3^5}; M = \left(\frac{4^{-2} \times 8^4}{90^7 \times 30^{-2}}\right)^3; N = \left[\frac{5^5 \times 24^{-3}}{(100^{-7} \times 15^6)^4}\right]^2; O$$

$$= \frac{2^2 \times 10^{-10} \times 2^7 \times 10^{-6}}{32 \times 10^{-15}}; P = \frac{5^3 \times 3^8 \times 5^2}{125 \times 5^2 \times 81 \times 7^0}; Q$$

$$= \frac{0,09 \times 7 \times 10^{-1} \times 250}{14 \times 10^3 \times 0,5 \times 10^{-2}}; R = \frac{(56^8 \times 81^{-2} \times 25^7)^3}{(50^5 \times 700^3)^4}; S$$

$$= \frac{0,04 \times 2^{-2} \times (10^{-2})^3 \times 10^2}{3 \times 10^{-8} \times 10^{-2}}; T = \frac{25 \times (10^2)^{-5} \times 121}{11 \times 75 \times 10^{-9}}; U$$

$$= \left[\frac{(a^2 b^4)^2}{a^3}\right]^{-3}; V = \left(\frac{a^3 b^{-2}}{a^4 b^{-3}}\right)^{-2} \times \frac{(3a^2 b^3)^3}{(2^{-1} ab)^2};$$

$$W = \frac{(ab^2)^2 (ab^{-1})^3 (a^2 b)^{-2}}{a^2 c^{-5} (a^{-1} bc^2)^3}; X = \frac{(ab^{-2} c^3)^4 (a^4 b^5 c^{-6})^{-2}}{(a^{-7} b^8 c^7)^3 (a^6 b^5 c^4)^2}$$

$$a = \sqrt{2} + \sqrt{\frac{1}{2}} - \sqrt{\frac{1}{8}}; b = \frac{2\sqrt{21}\sqrt{75}}{\sqrt{35}\sqrt{20}}$$

$$; c = \frac{\sqrt{3}}{\sqrt{3}-1} - \frac{\sqrt{3}+1}{\sqrt{3}+2};$$

$$d = \left(\frac{\sqrt{10-2\sqrt{5}}}{4}\right)^2 + \left(\frac{1+\sqrt{5}}{4}\right)^2;$$

$$e = (\sqrt{2} + \sqrt{7})^3; f = (2 + \sqrt{3})^2 + (1 - 2\sqrt{3})^2;$$

$$; e = \frac{3\sqrt{5} + \sqrt{20}}{\sqrt{45} \left(2 - \frac{5}{6} + \frac{4}{3}\right) (1 - \sqrt{3})};$$

$$g = (4 + 3\sqrt{2})^2 - (2 + \sqrt{2})(\sqrt{2} - 1);$$

$$h = \frac{\sqrt{3} + \sqrt{2}}{\sqrt{3} - \sqrt{2}} + \frac{\sqrt{3} - \sqrt{2}}{\sqrt{3} + \sqrt{2}};$$

$$i = \frac{\sqrt{7+4\sqrt{3}}}{\sqrt{7-4\sqrt{3}}} + \frac{\sqrt{7-4\sqrt{3}}}{\sqrt{7+4\sqrt{3}}};$$

$$j = \frac{\sqrt{0,04}}{\sqrt{0,0016}} + \frac{\sqrt{0,01}}{\sqrt{0,04}};$$

$$k = \left(\sqrt{2-\sqrt{2}} + \sqrt{2+\sqrt{2}}\right)^2;$$

$$l = \sqrt{\frac{2^6 + 2^6 + 2^6 + 2^6}{5^2 + 5^2 + 5^2 + 5^2}}$$

$$m = \sqrt{6 - \sqrt{6 - \sqrt{6 - \sqrt{6 - \sqrt{\frac{4\sqrt{27}}{3\sqrt{3}}}}}}}};$$

$$n = \sqrt{\frac{48a^6 b^{12}}{243(ab)^4}}; o = \sqrt{\frac{4^{80} + 5 \times 8^{53}}{28 \times 2^{155}}};$$

$$p = \left(\sqrt{1 + \sqrt{1 - a^2}} + \sqrt{1 - \sqrt{1 - a^2}}\right)^2$$