

Egyszerűsítsd!!

$$\frac{6x^2 - 12xy + 6y^2}{3x^2 - 3y^2} =$$

$$\frac{2c^2 - 4cd + 2d^2}{6c^2 - 6d^2} =$$

$$\frac{x^2 - 4x + 4}{x^2 - 4} =$$

$$\frac{c^3 + b^3}{a^2 - a - b - b^2} =$$

$$\frac{a^3 + 1}{6a^2 + 12a + 6} =$$

$$\frac{a - a^2}{a^2 - 1} =$$

$$\frac{x^4 y + x^3 y^2}{x^3 - 2x^4 y + x^3 y^2} =$$

$$\frac{a - b}{b - a} =$$

$$\frac{b - 3}{3 - b} =$$

$$\frac{3a(c - d)}{2b(d - c)} =$$

$$\frac{5a(x - y)}{15b(y - x)} =$$

$$\frac{ac - bc}{ac + bc} =$$

$$\frac{c}{c^2 + cd} =$$

$$\frac{ef}{e - ef} =$$

$$\frac{xy^3}{x^2 y - xy^2} =$$

$$\frac{ax + bx}{x^2 y - xy^2} =$$

$$\frac{a^2 + a}{ax + ay} =$$

$$\frac{a^2 - a}{a^2 - 1} =$$

$$\frac{b - b^2}{b^2 - 1} =$$

$$\frac{(c - d)^2}{c^2 - d^2} =$$

$$\frac{e^2 - 4}{2 - e} =$$

$$\frac{m - n}{(n - m)^2} =$$

$$\frac{(a + 1)^2}{a^2 - 1} =$$

$$\frac{b^2 - 9}{(b - 3)^2} =$$

$$\frac{a^2 - 1}{a - 1} =$$

$$\frac{2(b - 5)}{3b - 15} =$$

$$\frac{c^2 - 6c + 9}{3c - 9} =$$

$$\frac{d^2 - 81}{5d + 45} =$$

$$\frac{e^2 + e}{e^2 - 1} =$$

$$\frac{7f}{2f - f^2} =$$

$$\frac{g - 5}{5 - g} =$$

$$\frac{3k^2 - kl}{l^2 - 3kl} =$$

$$\frac{n - m^2 n}{m + 1} =$$

$$\frac{2(b - 5)}{3b - 15} =$$

$$\frac{45e^2 - 20f}{2(3e - 2f)^2} =$$

$$\frac{x^4 - y^4}{x^2 + y^2} =$$

$$\frac{45e^2 - 20f^2}{2(3e - 2f)^2} =$$

$$\frac{x^4 - y^4}{x^2 + y^2} =$$

$$\frac{x^3 + y^3}{x^4 - y^4} =$$

$$\frac{x^2 + xy + y^2}{x^3 - y^3} =$$

$$\frac{x^4 - y^4}{x^3 - y^3} =$$

$$\frac{x^2 + 2x + 4}{x^3 - 8} =$$

$$\frac{9 - 3x + x^2}{x^3 + 27} =$$

$$\frac{7a^3 b + 7ab^3}{a^4 - b^4} =$$

$$\frac{c^4 - b^4}{cd^2 + c^3} =$$

$$\frac{10e + 20}{e^3 + 8} =$$

$$\frac{g^2 + 2gh + h^2}{3g^4 - 3h^4} =$$

$$\frac{1 - 2n + n^2}{n^2 - 1} =$$

$$\frac{4n^2 - 4m^2}{6m^3 + 6n^3} =$$

$$\frac{x^2 - 4ax + 4a^2}{x^2 - 4a^2} =$$

$$\frac{4a^2 - 8ab + 4b^2}{3a^2 - 3b^2} =$$

$$\frac{3c^2 - 27d^2}{5c^2 + 30cd + 45d^2} =$$

$$\frac{a^4 - b^4}{a^4 + 2a^2 b^2 + b^4} =$$

$$\frac{(c + d)^3}{3c^2 + 6cd + 3d^2} =$$

$$\frac{am^2 + 2am + a}{m^3 - m} =$$

$$\frac{x^3 - 8}{x^3 + 2x^2 + 4x} =$$

$$\frac{x^3 + 9x^2 + 27x + 27}{x^2 - 9} =$$

$$\frac{18a^2 + 36a + 18}{9a^3 + 9} =$$

$$\frac{5x - 5y + ax - ay}{4a + 2c} =$$