

1. Ontbind zo ver mogelijk in factoren

$$\frac{4}{5}a^6 - \frac{6}{15}a^4 - \frac{8}{10}a^2 = \frac{4}{5}a^6 - \frac{2}{5}a^4 - \frac{4}{5}a^2$$
$$= \frac{2}{5}a^2(2a^4 - a^2 - 2)$$

$$5a^2 - 15a^3 = 5a^2(1 - 3a)$$

$$14a^3 - 21a^2 + 7a = 7a(2a^2 - 3a + 1)$$

$$15x^3y^3 + 24xy - 21y^2 = 3y(5x^3y^2 + 8x - 7y)$$

$$x^m y^n + x^{m+1} y^{n-1} + x^{m+2} y^{n-2} = x^m y^{n-2}(y^2 + xy + x^2)$$

$$p(r-s) - q(r-s) = (r-s)(p-q)$$

$$a(b-c) - b+c = a(b-c) - (b-c)$$
$$= (b-c)(a-1)$$

$$k(l-m) - n(m-l) + (l-m) = k(l-m) + n(l-m) + (l-m)$$
$$= (l-m)(k+n+1)$$

