Potenzrechnung

G.Roolfs

- $x^3 \cdot x^5 =$

- $x^3 \cdot x^5 =$

- $x^3 \cdot x^5 = x^8$

Potenzrechnung

- $x^3 \cdot x^5 = x^8$
- $y^4 \cdot y =$

Potenzrechnung

- $x^3 \cdot x^5 = x^8$
- $y^4 \cdot y =$

- $x^3 \cdot x^5 = x^8$
- $y^4 \cdot y = y^5$

- $x^3 \cdot x^5 = x^8$
- $y^4 \cdot y = y^5$
- $5^3 \cdot 5^{-2} =$

- $x^3 \cdot x^5 = x^8$
- $y^4 \cdot y = y^5$
- $5^3 \cdot 5^{-2} =$

Potenzrechnung

- $x^3 \cdot x^5 = x^8$
- $y^4 \cdot y = y^5$
- $5^3 \cdot 5^{-2} = 5^1 = 5$

- $x^3 \cdot x^5 = x^8$
- $y^4 \cdot y = y^5$
- $5^3 \cdot 5^{-2} = 5^1 = 5$
- $4^{-3} \cdot 4^5 =$

- $x^3 \cdot x^5 = x^8$
- $y^4 \cdot y = y^5$
- $5^3 \cdot 5^{-2} = 5^1 = 5$
- $4^{-3} \cdot 4^5 =$

Potenzrechnung

- $x^3 \cdot x^5 = x^8$
- $y^4 \cdot y = y^5$
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- $4^{-3} \cdot 4^5 = 4^2 =$

- $x^3 \cdot x^5 = x^8$
- $y^4 \cdot y = y^5$
- $5^3 \cdot 5^{-2} = 5^1 = 5$
- $4^{-3} \cdot 4^5 = 4^2 = 16$

Potenzrechnung

- $x^3 \cdot x^5 = x^8$
- $y^4 \cdot y = y^5$
- $5^3 \cdot 5^{-2} = 5^1 = 5$
- $4^{-3} \cdot 4^5 = 4^2 = 16$
- $(3\,x^2\,y)^3 =$

Potenzrechnung

- $x^3 \cdot x^5 = x^8$
- $y^4 \cdot y = y^5$
- $5^3 \cdot 5^{-2} = 5^1 = 5$
- $4^{-3} \cdot 4^5 = 4^2 = 16$
- $(3\,x^2\,y)^3 =$

Potenzrechnung

- $x^3 \cdot x^5 = x^8$
- $y^4 \cdot y = y^5$
- $5^3 \cdot 5^{-2} = 5^1 = 5$
- $4^{-3} \cdot 4^5 = 4^2 = 16$
- $(3\,x^2\,y)^3 = 27$

Potenzrechnung

- $x^3 \cdot x^5 = x^8$
- $y^4 \cdot y = y^5$
- $5^3 \cdot 5^{-2} = 5^1 = 5$
- $4^{-3} \cdot 4^5 = 4^2 = 16$
- $(3\,x^2\,y)^3 = 27x^6$

Potenzrechnung

- $x^3 \cdot x^5 = x^8$
- $y^4 \cdot y = y^5$
- $5^3 \cdot 5^{-2} = 5^1 = 5$
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- $(3\,x^2\,y)^3 = 27x^6y^3$

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- $5^3 \cdot 5^{-2} = 5^1 = 5$
- $4^{-3} \cdot 4^5 = 4^2 = 16$
- $(3\,x^2\,y)^3 = 27x^6y^3$
- $(4\,a^4\,b^3)^2 =$

- $x^3 \cdot x^5 = x^8$
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- $5^3 \cdot 5^{-2} = 5^1 = 5$
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- $(3\,x^2\,y)^3 = 27x^6y^3$
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- $x^3 \cdot x^5 = x^8$
- $y^4 \cdot y = y^5$
- $5^3 \cdot 5^{-2} = 5^1 = 5$
- $4^{-3} \cdot 4^5 = 4^2 = 16$
- $(3\,x^2\,y)^3 = 27x^6y^3$
- $(4\,a^4\,b^3)^2 = 16$

- $x^3 \cdot x^5 = x^8$
- $y^4 \cdot y = y^5$
- $5^3 \cdot 5^{-2} = 5^1 = 5$
- $4^{-3} \cdot 4^5 = 4^2 = 16$
- $(3\,x^2\,y)^3 = 27x^6y^3$
- $(4\,a^4\,b^3)^2 = 16a^8$

- $x^3 \cdot x^5 = x^8$
- $y^4 \cdot y = y^5$
- $5^3 \cdot 5^{-2} = 5^1 = 5$
- $4^{-3} \cdot 4^5 = 4^2 = 16$
- $(3\,x^2\,y)^3 = 27x^6y^3$
- $(4\,a^4\,b^3)^2 = 16a^8b^6$

- $x^3 \cdot x^5 = x^8$
- $y^4 \cdot y = y^5$
- $5^3 \cdot 5^{-2} = 5^1 = 5$
- $4^{-3} \cdot 4^5 = 4^2 = 16$
- $(3\,x^2\,y)^3 = 27x^6y^3$
- $(4\,a^4\,b^3)^2 = 16a^8b^6$
- $-2^2 - (-3)^3 =$

- $x^3 \cdot x^5 = x^8$
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Potenzrechnung

- $x^3 \cdot x^5 = x^8$
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- $(3\,x^2\,y)^3 = 27x^6y^3$
- $(4\,a^4\,b^3)^2 = 16a^8b^6$
- $-2^2 - (-3)^3 = \; - 4 -$

- $x^3 \cdot x^5 = x^8$
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- $5^3 \cdot 5^{-2} = 5^1 = 5$
- $4^{-3} \cdot 4^5 = 4^2 = 16$
- $(3\,x^2\,y)^3 = 27x^6y^3$
- $(4\,a^4\,b^3)^2 = 16a^8b^6$
- $-2^2 - (-3)^3 = -4 - (-27) =$

- $x^3 \cdot x^5 = x^8$
- $y^4 \cdot y = y^5$
- $5^3 \cdot 5^{-2} = 5^1 = 5$
- $4^{-3} \cdot 4^5 = 4^2 = 16$
- $(3\,x^2\,y)^3 = 27x^6y^3$
- $(4\,a^4\,b^3)^2 = 16a^8b^6$
- $-2^2 - (-3)^3 = -4 - (-27) = 23$

- $x^3 \cdot x^5 = x^8$
- $y^4 \cdot y = y^5$
- $5^3 \cdot 5^{-2} = 5^1 = 5$
- $4^{-3} \cdot 4^5 = 4^2 = 16$
- $(3\,x^2\,y)^3 = 27x^6y^3$
- $(4\,a^4\,b^3)^2 = 16a^8b^6$
- $-2^2 - (-3)^3 = -4 - (-27) = 23$
- $(-4)^2 + 4^2 =$

- $x^3 \cdot x^5 = x^8$
- $y^4 \cdot y = y^5$
- $5^3 \cdot 5^{-2} = 5^1 = 5$
- $4^{-3} \cdot 4^5 = 4^2 = 16$
- $(3\,x^2\,y)^3 = 27x^6y^3$
- $(4\,a^4\,b^3)^2 = 16a^8b^6$
- $-2^2 - (-3)^3 = -4 - (-27) = 23$
- $(-4)^2 + 4^2 =$

- $x^3 \cdot x^5 = x^8$
- $y^4 \cdot y = y^5$
- $5^3 \cdot 5^{-2} = 5^1 = 5$
- $4^{-3} \cdot 4^5 = 4^2 = 16$
- $(3\,x^2\,y)^3 = 27x^6y^3$
- $(4\,a^4\,b^3)^2 = 16a^8b^6$
- $-2^2 - (-3)^3 = -4 - (-27) = 23$
- $(-4)^2 + 4^2 = 16 + 16 =$

- $x^3 \cdot x^5 = x^8$
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- $5^3 \cdot 5^{-2} = 5^1 = 5$
- $4^{-3} \cdot 4^5 = 4^2 = 16$
- $(3\,x^2\,y)^3 = 27x^6y^3$
- $(4\,a^4\,b^3)^2 = 16a^8b^6$
- $-2^2 - (-3)^3 = -4 - (-27) = 23$
- $(-4)^2 + 4^2 = 16 + 16 = 32$

- $x^3 \cdot x^5 = x^8$
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- $4^{-3} \cdot 4^5 = 4^2 = 16$
- $(3\,x^2\,y)^3 = 27x^6y^3$
- $(4\,a^4\,b^3)^2 = 16a^8b^6$
- $-2^2 - (-3)^3 = -4 - (-27) = 23$
- $(-4)^2 + 4^2 = 16 + 16 = 32$

- $\dfrac{4^2}{4^{-1}} =$

- $\dfrac{4^2}{4^{-1}} =$

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

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

- $\frac{4^2}{4^{-1}} = 4^{2-(-1)} = 4^3 = 64$

- $\frac{4^2}{4^{-1}} = 4^{2-(-1)} = 4^3 = 64$
- $\frac{3^{-2}}{3^{-3}} =$

- $\frac{4^2}{4^{-1}} = 4^{2-(-1)} = 4^3 = 64$
- $\frac{3^{-2}}{3^{-3}} =$

- $\dfrac{4^2}{4^{-1}} = 4^{2-(-1)} = 4^3 = 64$
- $\dfrac{3^{-2}}{3^{-3}} = 3^{-2}$

- $\dfrac{4^2}{4^{-1}} = 4^{2-(-1)} = 4^3 = 64$
- $\dfrac{3^{-2}}{3^{-3}} = 3^{-2-(-3)} =$

- $\dfrac{4^2}{4^{-1}} = 4^{2-(-1)} = 4^3 = 64$
- $\dfrac{3^{-2}}{3^{-3}} = 3^{-2-(-3)} = 3$

- $\frac{4^2}{4^{-1}} = 4^{2-(-1)} = 4^3 = 64$
- $\frac{3^{-2}}{3^{-3}} = 3^{-2-(-3)} = 3$
- $(\frac{2x}{y})^3 - \frac{x^3}{y^3} =$

- $\frac{4^2}{4^{-1}} = 4^{2-(-1)} = 4^3 = 64$
- $\frac{3^{-2}}{3^{-3}} = 3^{-2-(-3)} = 3$
- $(\frac{2x}{y})^3 - \frac{x^3}{y^3} =$

- $\frac{4^2}{4^{-1}} = 4^{2-(-1)} = 4^3 = 64$
- $\frac{3^{-2}}{3^{-3}} = 3^{-2-(-3)} = 3$
- $(\frac{2x}{y})^3 - \frac{x^3}{y^3} = \frac{8x^3}{y^3} -$

- $\frac{4^2}{4^{-1}} = 4^{2-(-1)} = 4^3 = 64$
- $\frac{3^{-2}}{3^{-3}} = 3^{-2-(-3)} = 3$
- $(\frac{2x}{y})^3 - \frac{x^3}{y^3} = \frac{8x^3}{y^3} - \frac{x^3}{y^3} =$

- $\frac{4^2}{4^{-1}} = 4^{2-(-1)} = 4^3 = 64$
- $\frac{3^{-2}}{3^{-3}} = 3^{-2-(-3)} = 3$
- $(\frac{2x}{y})^3 - \frac{x^3}{y^3} = \frac{8x^3}{y^3} - \frac{x^3}{y^3} = \frac{7x^3}{y^3}$

- $\frac{4^2}{4^{-1}} = 4^{2-(-1)} = 4^3 = 64$
- $\frac{3^{-2}}{3^{-3}} = 3^{-2-(-3)} = 3$
- $(\frac{2x}{y})^3 - \frac{x^3}{y^3} = \frac{8x^3}{y^3} - \frac{x^3}{y^3} = \frac{7x^3}{y^3}$
- $(\frac{2a}{b^2})^4 - \frac{4a^4}{b^8} =$

- $\frac{4^2}{4^{-1}} = 4^{2-(-1)} = 4^3 = 64$
- $\frac{3^{-2}}{3^{-3}} = 3^{-2-(-3)} = 3$
- $(\frac{2x}{y})^3 - \frac{x^3}{y^3} = \frac{8x^3}{y^3} - \frac{x^3}{y^3} = \frac{7x^3}{y^3}$
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- $\frac{4^2}{4^{-1}} = 4^{2-(-1)} = 4^3 = 64$
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- $(\frac{2x}{y})^3 - \frac{x^3}{y^3} = \frac{8x^3}{y^3} - \frac{x^3}{y^3} = \frac{7x^3}{y^3}$
- $(\frac{2a}{b^2})^4 - \frac{4a^4}{b^8} = \frac{16a^4}{b^8} -$

- $\frac{4^2}{4^{-1}} = 4^{2-(-1)} = 4^3 = 64$
- $\frac{3^{-2}}{3^{-3}} = 3^{-2-(-3)} = 3$
- $(\frac{2x}{y})^3 - \frac{x^3}{y^3} = \frac{8x^3}{y^3} - \frac{x^3}{y^3} = \frac{7x^3}{y^3}$
- $(\frac{2a}{b^2})^4 - \frac{4a^4}{b^8} = \frac{16a^4}{b^8} - \frac{4a^4}{b^8} =$

- $\frac{4^2}{4^{-1}} = 4^{2-(-1)} = 4^3 = 64$
- $\frac{3^{-2}}{3^{-3}} = 3^{-2-(-3)} = 3$
- $(\frac{2x}{y})^3 - \frac{x^3}{y^3} = \frac{8x^3}{y^3} - \frac{x^3}{y^3} = \frac{7x^3}{y^3}$
- $(\frac{2a}{b^2})^4 - \frac{4a^4}{b^8} = \frac{16a^4}{b^8} - \frac{4a^4}{b^8} = \frac{12a^4}{b^8}$

- $\frac{4^2}{4^{-1}} = 4^{2-(-1)} = 4^3 = 64$
- $\frac{3^{-2}}{3^{-3}} = 3^{-2-(-3)} = 3$
- $(\frac{2x}{y})^3 - \frac{x^3}{y^3} = \frac{8x^3}{y^3} - \frac{x^3}{y^3} = \frac{7x^3}{y^3}$
- $(\frac{2a}{b^2})^4 - \frac{4a^4}{b^8} = \frac{16a^4}{b^8} - \frac{4a^4}{b^8} = \frac{12a^4}{b^8}$
- $\frac{x^4 + x^3}{x^2} =$

- $\frac{4^2}{4^{-1}} = 4^{2-(-1)} = 4^3 = 64$
- $\frac{3^{-2}}{3^{-3}} = 3^{-2-(-3)} = 3$
- $(\frac{2x}{y})^3 - \frac{x^3}{y^3} = \frac{8x^3}{y^3} - \frac{x^3}{y^3} = \frac{7x^3}{y^3}$
- $(\frac{2a}{b^2})^4 - \frac{4a^4}{b^8} = \frac{16a^4}{b^8} - \frac{4a^4}{b^8} = \frac{12a^4}{b^8}$
- $\frac{x^4 + x^3}{x^2} =$

- $\frac{4^2}{4^{-1}} = 4^{2-(-1)} = 4^3 = 64$
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- $(\frac{2x}{y})^3 - \frac{x^3}{y^3} = \frac{8x^3}{y^3} - \frac{x^3}{y^3} = \frac{7x^3}{y^3}$
- $(\frac{2a}{b^2})^4 - \frac{4a^4}{b^8} = \frac{16a^4}{b^8} - \frac{4a^4}{b^8} = \frac{12a^4}{b^8}$
- $\frac{x^4 + x^3}{x^2} = \frac{x^2(x^2 + x)}{x^2} =$

- $\dfrac{4^2}{4^{-1}} = 4^{2-(-1)} = 4^3 = 64$
- $\dfrac{3^{-2}}{3^{-3}} = 3^{-2-(-3)} = 3$
- $(\dfrac{2x}{y})^3 - \dfrac{x^3}{y^3} = \dfrac{8x^3}{y^3} - \dfrac{x^3}{y^3} = \dfrac{7x^3}{y^3}$
- $(\dfrac{2a}{b^2})^4 - \dfrac{4a^4}{b^8} = \dfrac{16a^4}{b^8} - \dfrac{4a^4}{b^8} = \dfrac{12a^4}{b^8}$
- $\dfrac{x^4 + x^3}{x^2} = \dfrac{x^2(x^2 + x)}{x^2} = \dfrac{\cancel{x^2}(x^2 + x)}{\cancel{x^2}} =$

- $\frac{4^2}{4^{-1}} = 4^{2-(-1)} = 4^3 = 64$
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- $(\frac{2x}{y})^3 - \frac{x^3}{y^3} = \frac{8x^3}{y^3} - \frac{x^3}{y^3} = \frac{7x^3}{y^3}$
- $(\frac{2a}{b^2})^4 - \frac{4a^4}{b^8} = \frac{16a^4}{b^8} - \frac{4a^4}{b^8} = \frac{12a^4}{b^8}$
- $\frac{x^4 + x^3}{x^2} = \frac{x^2(x^2 + x)}{x^2} = \frac{\cancel{x^2}(x^2 + x)}{\cancel{x^2}} = x^2 + x$

- $\frac{4^2}{4^{-1}} = 4^{2-(-1)} = 4^3 = 64$
- $\frac{3^{-2}}{3^{-3}} = 3^{-2-(-3)} = 3$
- $(\frac{2x}{y})^3 - \frac{x^3}{y^3} = \frac{8x^3}{y^3} - \frac{x^3}{y^3} = \frac{7x^3}{y^3}$
- $(\frac{2a}{b^2})^4 - \frac{4a^4}{b^8} = \frac{16a^4}{b^8} - \frac{4a^4}{b^8} = \frac{12a^4}{b^8}$
- $\frac{x^4 + x^3}{x^2} = \frac{x^2(x^2 + x)}{x^2} = \frac{\cancel{x^2}(x^2 + x)}{\cancel{x^2}} = x^2 + x$
- $\frac{y^3}{y^3 - y^4} =$

- $\frac{4^2}{4^{-1}} = 4^{2-(-1)} = 4^3 = 64$
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- $(\frac{2x}{y})^3 - \frac{x^3}{y^3} = \frac{8x^3}{y^3} - \frac{x^3}{y^3} = \frac{7x^3}{y^3}$
- $(\frac{2a}{b^2})^4 - \frac{4a^4}{b^8} = \frac{16a^4}{b^8} - \frac{4a^4}{b^8} = \frac{12a^4}{b^8}$
- $\frac{x^4 + x^3}{x^2} = \frac{x^2(x^2 + x)}{x^2} = \frac{\cancel{x^2}(x^2 + x)}{\cancel{x^2}} = x^2 + x$
- $\frac{y^3}{y^3 - y^4} =$

- $\dfrac{4^2}{4^{-1}} = 4^{2-(-1)} = 4^3 = 64$
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- $(\dfrac{2x}{y})^3 - \dfrac{x^3}{y^3} = \dfrac{8x^3}{y^3} - \dfrac{x^3}{y^3} = \dfrac{7x^3}{y^3}$
- $(\dfrac{2a}{b^2})^4 - \dfrac{4a^4}{b^8} = \dfrac{16a^4}{b^8} - \dfrac{4a^4}{b^8} = \dfrac{12a^4}{b^8}$
- $\dfrac{x^4 + x^3}{x^2} = \dfrac{x^2(x^2 + x)}{x^2} = \dfrac{\cancel{x^2}(x^2 + x)}{\cancel{x^2}} = x^2 + x$
- $\dfrac{y^3}{y^3 - y^4} = \dfrac{y^3}{y^3(1 - y)} =$

- $\frac{4^2}{4^{-1}} = 4^{2-(-1)} = 4^3 = 64$
- $\frac{3^{-2}}{3^{-3}} = 3^{-2-(-3)} = 3$
- $(\frac{2x}{y})^3 - \frac{x^3}{y^3} = \frac{8x^3}{y^3} - \frac{x^3}{y^3} = \frac{7x^3}{y^3}$
- $(\frac{2a}{b^2})^4 - \frac{4a^4}{b^8} = \frac{16a^4}{b^8} - \frac{4a^4}{b^8} = \frac{12a^4}{b^8}$
- $\frac{x^4 + x^3}{x^2} = \frac{x^2(x^2 + x)}{x^2} = \frac{\cancel{x^2}(x^2 + x)}{\cancel{x^2}} = x^2 + x$
- $\frac{y^3}{y^3 - y^4} = \frac{y^3}{y^3(1 - y)} = \frac{\cancel{y^3}}{\cancel{y^3}(1 - y)} =$

- $\frac{4^2}{4^{-1}} = 4^{2-(-1)} = 4^3 = 64$
- $\frac{3^{-2}}{3^{-3}} = 3^{-2-(-3)} = 3$
- $(\frac{2x}{y})^3 - \frac{x^3}{y^3} = \frac{8x^3}{y^3} - \frac{x^3}{y^3} = \frac{7x^3}{y^3}$
- $(\frac{2a}{b^2})^4 - \frac{4a^4}{b^8} = \frac{16a^4}{b^8} - \frac{4a^4}{b^8} = \frac{12a^4}{b^8}$
- $\frac{x^4 + x^3}{x^2} = \frac{x^2(x^2 + x)}{x^2} = \frac{\cancel{x^2}(x^2 + x)}{\cancel{x^2}} = x^2 + x$
- $\frac{y^3}{y^3 - y^4} = \frac{y^3}{y^3(1 - y)} = \frac{\cancel{y^3}}{\cancel{y^3}(1 - y)} = \frac{1}{1 - y}$

- $(x^3 - 3x^2)^2 =$

- $(x^3 - 3x^2)^2 =$

- $(x^3 - 3x^2)^2 = x^6$

- $(x^3 - 3x^2)^2 = x^6 - 6x^5$

- $(x^3 - 3x^2)^2 = x^6 - 6x^5 + 9x^4$

- $(x^3 - 3x^2)^2 = x^6 - 6x^5 + 9x^4$
- $(4a + a^2)^2 =$

- $(x^3 - 3x^2)^2 = x^6 - 6x^5 + 9x^4$
- $(4a + a^2)^2 =$

- $(x^3 - 3x^2)^2 = x^6 - 6x^5 + 9x^4$
- $(4a + a^2)^2 = 16a^2$

- $(x^3 - 3x^2)^2 = x^6 - 6x^5 + 9x^4$
- $(4a + a^2)^2 = 16a^2 + 8a^3$

- $(x^3 - 3x^2)^2 = x^6 - 6x^5 + 9x^4$
- $(4a + a^2)^2 = 16a^2 + 8a^3 + a^4$

- $(x^3 - 3x^2)^2 = x^6 - 6x^5 + 9x^4$
- $(4a + a^2)^2 = 16a^2 + 8a^3 + a^4$
- $\frac{1}{x} - \frac{1 + x^2}{x^3} =$

- $(x^3 - 3x^2)^2 = x^6 - 6x^5 + 9x^4$
- $(4a + a^2)^2 = 16a^2 + 8a^3 + a^4$
- $\frac{1}{x} - \frac{1 + x^2}{x^3} =$

- $(x^3 - 3x^2)^2 = x^6 - 6x^5 + 9x^4$
- $(4a + a^2)^2 = 16a^2 + 8a^3 + a^4$
- $\frac{1}{x} - \frac{1 + x^2}{x^3} = \frac{x^2 - 1 - x^2}{x^3} =$

- $(x^3 - 3x^2)^2 = x^6 - 6x^5 + 9x^4$
- $(4a + a^2)^2 = 16a^2 + 8a^3 + a^4$
- $\frac{1}{x} - \frac{1 + x^2}{x^3} = \frac{x^2 - 1 - x^2}{x^3} = -\frac{1}{x^3}$

- $(x^3 - 3x^2)^2 = x^6 - 6x^5 + 9x^4$
- $(4a + a^2)^2 = 16a^2 + 8a^3 + a^4$
- $\frac{1}{x} - \frac{1 + x^2}{x^3} = \frac{x^2 - 1 - x^2}{x^3} = -\frac{1}{x^3}$
- $\frac{1}{x} - \frac{1 - x}{x^2} =$

- $(x^3 - 3x^2)^2 = x^6 - 6x^5 + 9x^4$
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