

# NEGATIVE EXPONENTS (WHITE RANGER)

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$$X^{-4} = \frac{1}{X^4}$$

$$X^{-5} y^{-3} = \frac{1}{X^5 y^3}$$

$$X^{-2} y^3 = \frac{y^3}{X^2} \leftarrow \begin{array}{l} \text{different} \\ \text{bases} \end{array}$$

$$\frac{y^3 X^0}{X^2 y^0} = y^{3-0} X^{0-2} = y^3 X^{-2}$$

$$2x^1 y^{-4} = 2 \cdot x \cdot y^{-4} = \frac{2x}{y^4}$$

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

$$\frac{4}{x^2} = \frac{4x^0}{x^2} = x^{0(-2)} = 4x^{-2}$$

$$\frac{x^2}{x^8} = x^{2-8} = x^{-6} = \frac{1}{x^6}$$

Combine Black & White  
Rangers

$$\frac{x^3}{2x^7} = \frac{1}{2} x^{3-7} = \frac{1}{2} x^{-4} = \frac{1}{2} \cdot \frac{1}{x^4} = \frac{1}{2x^4}$$

Simplify