Simplificando as expressões expoentes

Nome: _____ Encontro: Data: _____ Pontuação: _____

$\dfrac{3x^{5}(x^{(-2)})^{2}}{2x^{2}(x^{2})^{3}}$

$3x^{8}(x^{6})^{(-1)}x^{(-1)}$

$8x^{(-2)}(x^{4})^{5}x^{(-2)}$

$\dfrac{8x^{2}(x^{(-3)})^{(-3)}}{7x^{2}(x^{(-2)})^{(-2)}}$

$2x^{6}(x^{(-2)})^{4}x^{(-2)}$

$\dfrac{3x^{(-8)}(x^{(-3)})^{5}}{7x^{(-2)}(x^{2})^{3}}$

$8x^{(-6)}(x^{4})^{6}x^{(-1)}$

$\dfrac{3x^{(-9)}(x^{5})^{4}}{5x^{(-2)}(x^{2})^{(-3)}}$

$7x^{(-8)}(x^{(-2)})^{(-3)}x^{3}$

$\dfrac{8x^{(-2)}(x^{(-3)})^{6}}{2x^{(-2)}(x^{2})^{3}}$

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Nome: _____ Encontro: Data: _____ Pontuação: _____

$\dfrac{3x^5(x^{(-2)})^2}{2x^2(x^2)^3}$

$\dfrac{3}{2x^7}$

$3x^8(x^6)^{(-1)}x^{(-1)}$

$3x$

$8x^{(-2)}(x^4)^5x^{(-2)}$

$8x^{16}$

$\dfrac{8x^2(x^{(-3)})^{(-3)}}{7x^2(x^{(-2)})^{(-2)}}$

$\dfrac{8}{7}x^5$

$2x^6(x^{(-2)})^4x^{(-2)}$

$\dfrac{2}{x^4}$

$\dfrac{3x^{(-8)}(x^{(-3)})^5}{7x^{(-2)}(x^2)^3}$

$\dfrac{3}{7x^{27}}$

$8x^{(-6)}(x^4)^6x^{(-1)}$

$8x^{17}$

$\dfrac{3x^{(-9)}(x^5)^4}{5x^{(-2)}(x^2)^{(-3)}}$

$\dfrac{3}{5}x^{19}$

$7x^{(-8)}(x^{(-2)})^{(-3)}x^3$

$7x$

$\dfrac{8x^{(-2)}(x^{(-3)})^6}{2x^{(-2)}(x^2)^3}$

$\dfrac{4}{x^{24}}$