



namn: \_\_\_\_\_

Datum: \_\_\_\_\_ Poäng: \_\_\_\_\_

$$2x^6(x^5)^{(-1)}$$

$$2x^{(-8)}(x^{(-3)})^{(-1)}x^3$$

$$3x^{(-2)}(x^4)^6$$

$$\frac{x^{(-1)}(x^4)^6}{6x^3(x^{(-3)})^{(-2)}}$$

$$\frac{x^6(x^6)^3}{2x^{(-3)}(x^4)^4}$$

$$4x^{(-4)}(x^4)^2x^{(-3)}$$

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

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

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

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



## Förenkla exponentuttryck

namn: \_\_\_\_\_

Datum: \_\_\_\_\_ Poäng: \_\_\_\_\_

$$2x^6(x^5)^{-1}$$
$$2x$$

$$2x^{(-8)}(x^{(-3)})^{(-1)}x^3$$
$$\frac{2}{x^2}$$

$$3x^{(-2)}(x^4)^6$$
$$3x^{22}$$

$$\frac{x^{(-1)}(x^4)^6}{6x^3(x^{(-3)})^{(-2)}}$$
$$\frac{x^{14}}{6}$$

$$\frac{x^6(x^6)^3}{2x^{(-3)}(x^4)^4}$$
$$\frac{x^{11}}{2}$$

$$4x^{(-4)}(x^4)^2x^{(-3)}$$
$$4x$$

$$\frac{2x^3(x^5)^5}{7x^{(-3)}(x^2)^{(-3)}}$$
$$\frac{2}{7}x^{37}$$

$$\frac{3x^2(x^{(-3)})^6}{8x^2(x^2)^{(-2)}}$$
$$\frac{3}{8x^{14}}$$

$$8x^{(-7)}(x^5)^5x^2$$
$$8x^{20}$$

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