

Simplifier les exposants (Division)

Nom: _____

Date: _____ Note: _____

$$\frac{13^7 \cdot 13^{-7} \cdot 13^4}{13^{-8}}$$

$$5^4 \cdot 5^{-10} \cdot 5^{-9}$$

$$10^6 \cdot 10^{-10} \cdot 10^{-2}$$

$$\frac{5^2 \cdot 5^{-9} \cdot 5^{-9}}{5^{-1}}$$

$$3^4 \cdot 3^{-6} \cdot 3^{-7}$$

$$3^8 \cdot 3^3 \cdot 3^3$$

$$\frac{16^6 \cdot 16^{11} \cdot 16^7}{16^8}$$

$$3^{11} \cdot 3^3 \cdot 3^6$$

$$\frac{14^2 \cdot 14^{-7} \cdot 14^8 \cdot 14^{11}}{14^6 \cdot 14^{10}}$$

$$\frac{7^{-7} \cdot 7^8 \cdot 7^{-6} \cdot 7^{-6}}{7^{-2} \cdot 7^7}$$

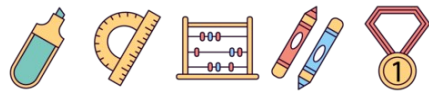
$$\frac{6^{-3} \cdot 6^5 \cdot 6^{-7} \cdot 6^{-9}}{6^3 \cdot 6^8}$$

$$14^8 \cdot 14^{-7} \cdot 14^7$$

$$\frac{2^{-6} \cdot 2^3 \cdot 2^7}{2^{10}}$$

$$3^{-1} \cdot 3^{-7} \cdot 3^{-9}$$

$$10^{-3} \cdot 10^3 \cdot 10^9$$



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$$\frac{13^7 \cdot 13^{-7} \cdot 13^4}{13^{-8}} = 13^{12}$$

$$\frac{5^4 \cdot 5^{-10} \cdot 5^{-9}}{5^{-15}} = 5^{-15}$$

$$\frac{10^6 \cdot 10^{-10} \cdot 10^{-2}}{10^{-6}} = 10^{-6}$$

$$\frac{5^2 \cdot 5^{-9} \cdot 5^{-9}}{5^{-1}} = 5^{-15}$$

$$\frac{3^4 \cdot 3^{-6} \cdot 3^{-7}}{3^{-9}} = 3^{-9}$$

$$\frac{3^8 \cdot 3^3 \cdot 3^3}{3^{14}} = 3^{14}$$

$$\frac{16^6 \cdot 16^{11} \cdot 16^7}{16^8} = 16^{16}$$

$$\frac{3^{11} \cdot 3^3 \cdot 3^6}{3^{20}} = 3^{20}$$

$$\frac{14^2 \cdot 14^{-7} \cdot 14^8 \cdot 14^{11}}{14^6 \cdot 14^{10}} = 14^{-2}$$

$$\frac{7^{-7} \cdot 7^8 \cdot 7^{-6} \cdot 7^{-6}}{7^{-2} \cdot 7^7} = 7^{-16}$$

$$\frac{6^{-3} \cdot 6^5 \cdot 6^{-7} \cdot 6^{-9}}{6^3 \cdot 6^8} = 6^{-25}$$

$$\frac{14^8 \cdot 14^{-7} \cdot 14^7}{14^8} = 14^8$$

$$\frac{2^{-6} \cdot 2^3 \cdot 2^7}{2^{10}} = 2^{-6}$$

$$\frac{3^{-1} \cdot 3^{-7} \cdot 3^{-9}}{3^{-17}} = 3^{-17}$$

$$\frac{10^{-3} \cdot 10^3 \cdot 10^9}{10^9} = 10^9$$