**Exponents Review**

**Simplify the following expressions :**

$$A=5^{7}×5^{-8}$$

$$B=\frac{2^{-12}}{2^{-15}}$$

$$C=\frac{5^{5}×5^{-12}}{5^{-4}×5^{-5}}$$

$$D= \left[\left(\frac{2}{5}\right)^{-3}×\left(\frac{2}{5}\right)^{4}\right]^{-2}$$

$$E=\left(3x^{2}y^{-5}\right)^{-4}×\left(2x^{-8}y^{6}\right)^{3}$$

$$F= \left(\frac{25x^{-5}}{125x^{3}}\right)^{-3}$$

$$G=\left(3x-5y\right)^{2}$$

$$H=\frac{2^{5}-2^{4}}{2^{4}-2^{3}}$$

$$I=\frac{7}{7^{3}}$$

$$J=\left(6x^{3}y^{-5}\right)^{-3}×\left(36x^{-8}y^{7}\right)^{2}$$

$$K=\left(\frac{2}{3}x^{5}y^{-12}\right)^{5}×\left(\frac{3}{2}x^{-6}y^{4}\right)^{3}$$

$$L=\left(\frac{8x^{3}y^{-5}}{2^{5}x^{-2}y^{-4}}\right)^{-2}×\left(32x^{6}y^{8}\right)^{-3}$$

$$M=\left(\frac{2x^{5}y^{3}}{3x^{-3}y^{8}}\right)^{-4}$$

$N=\frac{3x^{0}y^{5}×\left(9x^{-5}y^{3}\right)^{-2}}{3^{5}x^{-8}y^{-2}}$