Use the following rules of exponents to simplify each expression. Make sure your answers doesn't contain any exponents that are zero or negative. Circle your answers.

$$a^0 = 1$$

$$a^1 = a$$

$$a^{-n} = \frac{1}{a^n}$$

$$a^n \cdot a^m = a^{n+m}$$

$$(a^n)^m = a^{nm}$$

$$\frac{a^n}{a^m} = a^{n-m}$$

$$(a^n b^m)^x = a^{nx} \cdot b^{mx}$$

$$\left(\frac{a^n}{b^m}\right)^x = \frac{a^{nx}}{b^{mx}}$$

1. 
$$-9b^{-2}c^0d^{-1}$$

2. 
$$(8c^4)^2$$

3. 
$$\frac{9Q^8}{3Q^2}$$

4. 
$$(4x^3yz^8)(5xy^7z^{-4})$$

5. 
$$\frac{24g^{-3}h^4k^0}{6j^8m^{-5}}$$

6. 
$$(5a^{-4}b^5)^2(2a^6b^{-2})^3$$

7. 
$$\left(\frac{g^4h^{-5}j}{g^{-2}h^3j^9}\right)^3$$

8. 
$$(3c^{-4}d^6e)^{-2}$$