Use the following rules of exponents to simplify each expression. Make sure answers don'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.
$$(4x^3y^{-1}z^5)(5xy^7z^{-8})$$

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

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

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

8.
$$\left(\frac{6c^{-4}d^6}{2cd^2}\right)^{-2}$$