

**Examples:**

$$3^{-2} = \frac{1}{3^2} = \frac{1}{9}$$

$$5^{-3} = \frac{1}{5^3} = \frac{1}{125}$$

$$2^{-7} = \frac{1}{2^7} = \frac{1}{128}$$

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

**Find the value of:**

1.  $2^{-2}$

8.  $8^{-3}$

2.  $3^{-4}$

9.  $11^{-2}$

3.  $10^{-2}$

10.  $9^{-3}$

4.  $5^{-2}$

11.  $13^{-1}$

5.  $2^{-4}$

12.  $(-8)^{-2}$

6.  $1^{-6}$

13.  $(-3)^{-3}$

7.  $7^{-2}$

14.  $(-2)^{-5}$