

Zero and negative exponents

Evaluate. Write fractions in simplest form.

1. $2^0 =$ 1

2. $2^{-2} =$ $\frac{1}{4}$

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

4. $4^{-1} =$ $\frac{1}{4}$

5. $10^0 =$ 1

6. $10^{-1} =$ $\frac{1}{10}$

7. $5^{-3} =$ $\frac{1}{125}$

8. $10^{-2} =$ $\frac{1}{100}$

9. $10^{-3} =$ $\frac{1}{1000}$

10. $4^{-3} =$ $\frac{1}{64}$

11. $5^{-1} =$ $\frac{1}{5}$

12. $3^{-1} =$ $\frac{1}{3}$