

Zero and negative exponents

Evaluate. Write fractions in simplest form.

1. $3^0 =$ 1

2. $4^0 =$ 1

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

4. $5^0 =$ 1

5. $10^0 =$ 1

6. $5^{-2} =$ $\frac{1}{25}$

7. $2^0 =$ 1

8. $5^{-1} =$ $\frac{1}{5}$

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

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

11. $3^{-3} =$ $\frac{1}{27}$

12. $3^{-2} =$ $\frac{1}{9}$