Negative and zero exponents

Grade 6 Exponents Worksheet

Solve the following exponents.

1. $10^{-3} =$ _____

2. $2^{-4} =$ _____

3. $1^{-1} =$ _____

4. $5^{-8} =$ _____

5. $5^{-4} =$ _____

6. $2^{-1} =$ _____

7. $3^{-2} =$ _____

8. $3^{-9} =$ _____

9. $7^{-8} =$ _____

10. $1^{0} =$ _____

11. $9^{0} =$ _____

12. $2^{-2} =$ _____

Negative and zero exponents

Grade 6 Exponents Worksheet

Solve the following exponents.

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

2. $2^{-4} = \dfrac{1}{16}$

3. $1^{-1} = 1$

4. $5^{-8} = \dfrac{1}{390625}$

5. $5^{-4} = \dfrac{1}{625}$

6. $2^{-1} = \dfrac{1}{2}$

7. $3^{-2} = \dfrac{1}{9}$

8. $3^{-9} = \dfrac{1}{19683}$

9. $7^{-8} = \dfrac{1}{5764801}$

10. $1^{0} = 1$

11. $9^{0} = 1$

12. $2^{-2} = \dfrac{1}{4}$