



Negative and zero exponents

Grade 6 Exponents Worksheet

Solve the following exponents.

1. $4^0 =$ _____

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

3. $4^{-5} =$ _____

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

5. $7^{-7} =$ _____

6. $2^{-8} =$ _____

7. $3^{-5} =$ _____

8. $4^{-1} =$ _____

9. $8^{-1} =$ _____

10. $3^{-9} =$ _____

11. $6^{-2} =$ _____

12. $10^{-1} =$ _____



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Solve the following exponents.

1. $4^0 = 1$ _____

2. $2^{-3} = \frac{1}{8}$ _____

3. $4^{-5} = \frac{1}{1024}$ _____

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

5. $7^{-7} = \frac{1}{823543}$ _____

6. $2^{-8} = \frac{1}{256}$ _____

7. $3^{-5} = \frac{1}{243}$ _____

8. $4^{-1} = \frac{1}{4}$ _____

9. $8^{-1} = \frac{1}{8}$ _____

10. $3^{-9} = \frac{1}{19683}$ _____

11. $6^{-2} = \frac{1}{36}$ _____

12. $10^{-1} = \frac{1}{10}$ _____
