

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Score: \_\_\_\_\_

## Exponents Worksheet

Solve the following exponents

$$\begin{aligned} \boxed{1} \quad 3^4 \\ &= 3 \times 3 \times 3 \times 3 \\ &= 81 \end{aligned}$$

$$\boxed{2} \quad 8^4$$

$$\boxed{3} \quad 9^3$$

$$\boxed{4} \quad 10^2$$

$$\boxed{5} \quad 5^5$$

$$\boxed{6} \quad 5^3$$

$$\boxed{7} \quad 7^3$$

$$\boxed{8} \quad 1^3$$

$$\boxed{9} \quad 9^2$$

$$\boxed{10} \quad 4^4$$

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# Exponents Worksheet

## Answers

$$\begin{aligned} \boxed{1} \quad 3^4 \\ &= 3 \times 3 \times 3 \times 3 \\ &= 81 \end{aligned}$$

$$\begin{aligned} \boxed{2} \quad 8^4 \\ &= 4096 \end{aligned}$$

$$\begin{aligned} \boxed{3} \quad 9^3 \\ &= 729 \end{aligned}$$

$$\begin{aligned} \boxed{4} \quad 10^2 \\ &= 100 \end{aligned}$$

$$\begin{aligned} \boxed{5} \quad 5^5 \\ &= 3125 \end{aligned}$$

$$\begin{aligned} \boxed{6} \quad 5^3 \\ &= 125 \end{aligned}$$

$$\begin{aligned} \boxed{7} \quad 7^3 \\ &= 343 \end{aligned}$$

$$\begin{aligned} \boxed{8} \quad 1^3 \\ &= 1 \end{aligned}$$

$$\begin{aligned} \boxed{9} \quad 9^2 \\ &= 81 \end{aligned}$$

$$\begin{aligned} \boxed{10} \quad 4^4 \\ &= 256 \end{aligned}$$