

# Investigating Exponents



**DIRECTIONS:** Use a calculator to find the answers.

$1^1$	
$1^2$	
$1^3$	
$1^4$	
$1^5$	
$1^6$	
$1^7$	
$1^8$	

$2^1$	
$2^2$	
$2^3$	
$2^4$	
$2^5$	
$2^6$	
$2^7$	
$2^8$	

$3^1$	
$3^2$	
$3^3$	
$3^4$	
$3^5$	
$3^6$	
$3^7$	
$3^8$	

$4^1$	
$4^2$	
$4^3$	
$4^4$	
$4^5$	
$4^6$	
$4^7$	
$4^8$	

$5^1$	
$5^2$	
$5^3$	
$5^4$	
$5^5$	
$5^6$	
$5^7$	
$5^8$	

$6^1$	
$6^2$	
$6^3$	
$6^4$	
$6^5$	
$6^6$	
$6^7$	
$6^8$	

# Investigating Exponents



$7^1$	
$7^2$	
$7^3$	
$7^4$	
$7^5$	
$7^6$	
$7^7$	
$7^8$	

$8^1$	
$8^2$	
$8^3$	
$8^4$	
$8^5$	
$8^6$	
$8^7$	
$8^8$	

$9^1$	
$9^2$	
$9^3$	
$9^4$	
$9^5$	
$9^6$	
$9^7$	
$9^8$	

$10^1$	
$10^2$	
$10^3$	
$10^4$	
$10^5$	
$10^6$	
$10^7$	
$10^8$	

**INVESTIGATION:**  
Examine the units digit of the entries in each table. Do you see any patterns? Explain.