



Name _____

Secret Powers

Directions: Simplify each expression. Use the Code Key to find the matching letter. Write the letters in order to reveal the secret message.

1. $x^2 \cdot x^3 =$ _____

2. $\frac{a^9}{a^4} =$ _____

3. $(m^2)^3 =$ _____

4. $(2b)^2 =$ _____

5. $\left(\frac{y}{z}\right)^2 =$ _____

6. $c^5 \cdot c^2 =$ _____

7. $\frac{n^8}{n^3} =$ _____

8. $(p^3)^2 =$ _____

CODE KEY

$\frac{y^2}{z^2} = \text{N}$	$m^6 = \text{P}$
$n^5 = \text{N}$	$x^5 = \text{E}$
$p^6 = \text{T}$	$c^7 = \text{E}$
$a^5 = \text{X}$	$4b^2 = \text{O}$

SECRET MESSAGE:
