

Name \_\_\_\_\_

## Missing Base or Exponent

Find the missing base in the following expressions.

1) $x^4 = 16$  $x = 2$	2) $a^4 = 81$  $a = 3$	3) $y^3 = 125$  $y = 5$
4) $c^{-4} = 1/16$  $c = -2$	5) $x^2 = 64$  $x = 8$	6) $s^2 = 100$  $s = 10$
7) $a^2 = 49$  $a = 7$	8) $w^4 = 256$  $w = 4$	9) $e^6 = 64$  $e = 2$
10) $s^3 = 125$  $s = 5$	11) $b^3 = 729$  $b = 9$	12) $d^2 = 16$  $d = 4$