

Name: _____

Evaluating Exponents



$5^0 = 1$
 $5^1 = 5$
 $5^2 = 5 \times 5 = 25$
 $5^3 = 5 \times 5 \times 5 = 125$

Directions: Evaluate each of the following.

- 1.) $9^2 =$ _____ $=$ _____
- 2.) $4^4 =$ _____ $=$ _____
- 3.) $11^1 =$ _____ $=$ _____
- 4.) $7^3 =$ _____ $=$ _____
- 5.) $11^2 =$ _____ $=$ _____
- 6.) $1^5 =$ _____ $=$ _____
- 7.) $13^0 =$ _____ $=$ _____
- 8.) $15^2 =$ _____ $=$ _____
- 9.) $21^1 =$ _____ $=$ _____
- 10.) $3^6 =$ _____ $=$ _____
- 11.) $10^3 =$ _____ $=$ _____
- 12.) $29^0 =$ _____ $=$ _____

ANSWER KEY

- 1.) $9^2 = 81$
- 2.) $4^4 = 256$
- 3.) $11^1 = 11$
- 4.) $7^3 = 343$
- 5.) $11^2 = 121$
- 6.) $1^5 = 1$
- 7.) $13^0 = 1$
- 8.) $15^2 = 225$
- 9.) $21^1 = 21$
- 10.) $3^6 = 729$
- 11.) $10^3 = 1,000$
- 12.) $29^0 = 1$