

Name _____

Date _____

Evaluating Numerical Expressions with Exponents- Matching Worksheet

Match the problems to their answers.

Write the letter of the answer that matches the problem.

- | | |
|---|--------------|
| _____ 1. Evaluate.
$12^4 =$ _____ | a. 1000000 |
| _____ 2. Write the expression as an exponent.
$11 \times 11 \times 11$ | b. 16777216 |
| _____ 3. Evaluate.
$6^2 + 5^2 =$ | c. 170859375 |
| _____ 4. Evaluate.
$13^4 - 9^2 =$ | d. 20736 |
| _____ 5. Write the expression as an exponent.
$14 \times 14 \times 14 \times 14 \times 14$ | e. 1331 |
| _____ 6. Evaluate.
$10^6 - 7^3 =$ | f. 28480 |
| _____ 7. Evaluate.
$15^7 =$ _____ | g. 65392 |
| _____ 8. Evaluate.
$8^8 =$ _____ | h. 999657 |
| _____ 9. Write the expression as an exponent.
$10 \times 10 \times 10 \times 10 \times 10 \times 10$ | i. 537824 |
| _____ 10. Evaluate.
$16^4 - 12^2 =$ | j. 11 |

