2.1_HW Name _____

Magee

Math 8 Date _____

Current (12 ques.):

Identify the base and exponent in each problem:

1. 5^2 _____
2. -3^8 _____
3. $(-2)^4$ _____
4. $\left(\frac{3}{7}\right)^9$ _____
5. 1.7^8 _____

Tell whether the statement is correct or not:

6. $-8^3 = -8 \cdot -8 \cdot -8$

   _____

7. $17^4 = 17 \cdot 17 \cdot 17 \cdot 17$

   _____

Write in exponential form:

8. $27 \cdot 27 \cdot 27 \cdot 27$ = _____
9. $(-9) \cdot (-9) \cdot (-9) \cdot (-9)$ =

   _____

10. Expand and simplify the expression -8.8^3 =_____=_____
11. Write the prime factorization in exponential form: 1,568

    _____

12. Order these expressions from least to greatest:

    $-8^4, 8^4, and -4^8$

    _____

Review (2 ques. Paper & Pencil) - Simplify:

(K, 1, 2, 3, 4, 5, 6, 7) **(September - Now)**

13. $58 \cdot 43$
14. -115 + - 6 + - 25 - - 34

Fluency (2 ques.):

(8)

15. -8(2m – 13) = -24