



Name: _____

Date: _____

Algebra 1 – Unit 1 – Exponents (Hard)

11. $4^6 \cdot 4^2$

6. $3^3 + 5$

2. $(-4)^6$

7. $(-3)^4$

12. 7^4

3. $(-5)^2$

8. 4^6

4. 3^6

9. $3^2 + 2$

5. $2^3 + 3$

10. 7^5



Algebra 1 – Unit 1 – Exponents (Hard) – Answer Key

$$11. 4^6$$

$x = 4096$

$$6. 3^3 + 5$$

$x = 32$

$$2. (-4)^6$$

$x = 4096$

$$7. (-3)^4$$

$x = 81$

$$12. 7^4$$

$x = 2401$

$$3. (-5)^2$$

$x = 25$

$$8. 4^6$$

$x = 4096$

$$4. 3^6$$

$x = 729$

$$9. 3^2 + 2$$

$x = 11$

$$5. 2^3 + 3$$

$x = 11$

$$10. 7^5$$

$x = 16807$