Name: _____ Date: _____

Fresh Math

Algebra 1 - Unit 1 - Exponents (Challenge)

1122^{5} cdot 3^{3} + 10

2. 4^{5} + 4^{3}

3. 6 cdot (-4)^{4}

4. 3 cdot 5^{3} + 11

5. 2 cdot 2^{5} + 7

6. 4^{5} + 3^{5}

7. 2 cdot (-2)^{4}

12. 5 cdot (-2)^{6}

8. 2^{3} + 2^{3}

9. 2^{5} + 3^{4}

10. 4 cdot (-4)^{4}

Algebra 1 - Unit 1 - Exponents (Challenge) - Answer Key

1122 cdot 5^{3} + 3^{3} + 10

x = 64

2. 4^{5} + 4^{3}

x = 1088

12. 5 cdot (-2)^{6}

x = 320

3. 6 cdot (-4)^{4}

x = 1536

4. 3 cdot 5^{3} + 11

x = 386

5. 2 cdot 2^{5} + 7

x = 71

6. 4^{5} + 3^{5}

x = 1267

7. 2 cdot (-2)^{4}

x = 32

8. 2^{3} + 2^{3}

x = 16

9. 2^{5} + 3^{4}

x = 113

10. 4 cdot (-4)^{4}

x = 1024