

## Pre-Algebra Homework #2

- 1) Simplify:  $5,381,766 \div 981$
- 2) Simplify:  $\sqrt[4]{1296}$
- 3) Simplify:  $5,839(4,792)$
- 4) Simplify:  $7^4$
- 5) Simplify:  $69 \div 0$
- 6) Simplify:  $63 \div 7(-4 - 5) + 3^3 - 2^2$
- 7) Simplify:  $-|9| - |-3 + 7| - |-6|$
- 8) Simplify:  $-4^0 + 27 \div 9(1 + 2)^2 + \sqrt[3]{343} - 3^3$
- 9) Simplify:  $-|-8 + 5| - 2|-4 - 4| + 3|-5|$
- 10) Simplify:  $2[3^2 - (-1 - 1)^3 + \sqrt[3]{64} - 11^0]^2 - 12 \div 6(3 - 1)^0$
- 11) Simplify:  $-5^0 - |-3 - 3| - 5|-4 + 6| + 3|-4 + 3|^3$
- 12) Simplify:  $8^0 + \sqrt{9801} - 1^5 - 18 \div 6(4 - 1)^3$
- 13) Simplify:  $-72 \div 8 \div 3 - |-3 - 1| \div 0 - 3|-1 - 2|^4$
- 14) Simplify:  $54 \div 9 \div 2 + 4^2 - 3^3$
- 15) Simplify:  $-|-6 + 2| - 24 \div 12(-1 - 1) - |-4 - 1| - \sqrt[3]{2744} - |8 - 5|^2$
- 16) Simplify:  $4(6 - 4)^3 - \sqrt[4]{625} - 7^0$
- 17) Simplify:  $\sqrt{1156} - 3(2 - 1)^4 + 27 \div 3(2 + 1)^2$
- 18) Simplify:  $-|-4 - 2|^0 - \sqrt{729} - 64 \div |16(-2 - 2)| - |2 - 4|^3 - |-9|$
- 19) Simplify:  $4(3 - 1)^2 \div 2(2 + 4) \div 6^0$

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## Pre-Algebra Homework #2

20) Simplify:  $-6^2 - |-2 - 1|^4 - \sqrt[3]{1000} - |-4 + 7| - |-12 \div 2(-3 - 3)| - |-9 - 9|^0$

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