

Written HW1 – MATH 1430 Fall 2022

1. Compute  $12 \div 3 \cdot 2 + 1$ .
2. Compute  $10 \div (20 \div 2^2 \cdot 5 \div 5) \cdot 8 - 2$ .
3. Find the prime factorization of 60.
4. Find the prime factorization of 90.
5. What does  $-2^4$  equal?
6. What does  $(-6)^2$  equal?