

Written HW1 – MATH 1530 Fall 2020

Due by Monday, 24 August for timely completion credit

1. Compute $8 + 3(6 - 10)$.

2. Compute $-8 - (3 - (2 - 1))$.

3. Simplify $\frac{\frac{2x}{y^2}}{\frac{x^2}{3y}}$

4. Apply the distributive law to completely simplify the expression

$$(x + y + 1)(2x - y + 3).$$

5. Simplify the expression $(xy)^2(x^2y)^3$.

6. Simplify the following expression: $\left(\frac{2m^3n^{-2}p^{-1}}{5m^{-2}n^{-4}}\right)^2$.