

Zero and Negative Exponents Bell Work

Simplify the following expression

1. $x - y^0$

2. $-(-2x)^0$

3. $-1^{-1} - 2^{-1}$

4. $-2^{-1} - 2x^0$

Evaluate the following using properties of power.

5. $\left(\frac{2x}{3y}\right)^{-1}$

6. $\left(\frac{x^2}{y^3}\right)^{-1}$

7. $\left(\frac{x^5}{x^9}\right)^{-3}$

8. -5^2x^{-3}

Simplify the following without negative exponent.

9. $(x^{-1} - y^{-1})^0$

10. $\frac{-2^{-2} - 5x^0}{-2 - 2^{-1}}$