

- ❖ Show all work
- ❖ No notes, books, or calculators allowed.
- ❖ Write answers in lowest terms when possible

Simplify the expressions

1. (2 points) y^3y^8
 $= y^{11}$

2. (3 points) $(5x^2)(2x)$
 $= 10x^3$

Rewrite the expressions so that they have positive exponents.

3. (2 points) $\frac{x^6}{x^{-7}}$ $= x^6 \cdot x^7 = x^{13}$

4. (3 points) $\left(\frac{2a}{b}\right)^{-1} = \left(\frac{b}{2a}\right)$