

	<p style="text-align: center;">Integrated Math 2 More Law of Exponents</p>	<p style="text-align: right;">HW 1.19</p> <p>Name: _____ Date: _____</p>
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Home work standards:

- Complete EVERY problem.
- Use pencil ONLY.
- Show ALL work.
- Double check all answers. (Does your answer make sense?)

Directions: Simplify the following expressions using the laws of exponents. You do not need to evaluate each expression.

<p>1) $2 \cdot 2^3$</p>	<p>2) $2^3 \cdot 3 \cdot 2 \cdot 3^5$</p>
<p>3) $\frac{7^3}{7}$</p>	<p>4) $\frac{2^3 \cdot 3^3 \cdot 2}{2 \cdot 3^2}$</p>
<p>5) $\left(\frac{2}{3^2}\right)^3$</p>	<p>6) $(3^3 \cdot 2^2)^4$</p>
<p>7) $\left(\frac{3 \cdot 5^2}{3 \cdot 5}\right)^7$</p>	<p>8) 3^{-7}</p>
<p>9) $196^{\frac{1}{2}}$</p>	<p>10) $(100^2)^{\frac{1}{2}}$</p>