

**Section 2.1a/b – Exponent Basics, Multiplying and Dividing a Common Base**

Write the following out as repeated multiplication (Variables are the same as numbers)

1. $5^4$	2. $(-2)^4$
3. $-3^5$	4. $-(-r)^3$

Will the following be negative or positive answers, why?

5. $(-1)^4$	6. $-(-1)^5$
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Simplify using the Multiplication and Division Properties. Leave your Answer as a Base to an Exponent

7. $2^3 \cdot 2^5 \cdot 2^2$	8. $(-3)^4 \cdot (-3)^5 \cdot (-3)^2$
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9. $4^7 \cdot 4^3 \cdot 4^{-6}$	10. $(-w)^4 \cdot -w^7 \cdot (-w)^6$
11. $(-h)^5 \cdot (-h)^4 \cdot -h^7$	12. $(-2)^7 \div (-2)^{-3} \div (-2)^6$

**Self-Reflection:**

I am feeling?

What can I do to make sure I am prepared for tomorrow?