

NAME: _____

P.I. A.A.12: Multiply monomial expressions with a common base, using the properties of exponents Note: Use integral exponents only

1. Explain how to multiply powers with the same base.

2. Explain why $c^5 \cdot d^5$ cannot be simplified.

3. Explain why $2a^3 \cdot b^{10}$ cannot be simplified.

[1] Add the exponents.

[2] The bases are different.

[3] The bases are different.