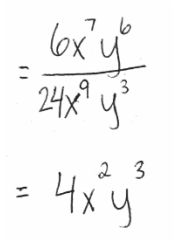
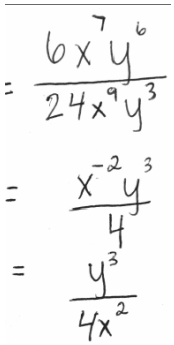
Name_____ Date_____

Simplify the exponential expression. $\frac{6x^2y^6x^5}{24x^9y^3}$. Use what you know about exponent rules to critique the work of Awa and Austin.

Awa's work:	Austin's work:
$\frac{6x^2y^6x^5}{24x^9y^3}$ 	$\frac{6x^2y^6x^5}{24x^9y^3}$ 

Who do you agree with? How do you know? Use what you know about exponent rules to support and justify your answer.

I agree with _____ because _____

_____

_____

I know this is true because _____

_____

_____

_____

_____made a mistake when_____

_____

_____

_____

We Understand

_____

_____

_____

Write a mathematical argument to justify your answer. Use complete sentences and correct mathematical vocabulary. Make sure you include:

- Who do you agree with, Awa or Austin?
- Evidence to support who is correct
- Evidence to support who is incorrect
- Warrants (from the We Understand section)