Power of a Quotient

**Number**

**Unit 3 Line Master 11**

Simplify each quotient.

* 1. $(1÷4)^{4}=1^{}÷4^{}$
	2. $(2÷5)^{3}$
	3. $(5÷3)^{2}$
	4. $(\frac{3}{4})^{5}$
	5. $(\frac{10}{4})^{3}$
	6. $(5^{2}÷3^{1})^{3}$
	7. $\left(3^{2}÷2^{3}\right)^{3}$
	8. $(\frac{1}{3})^{2}$
	9. $\left(2^{2}÷3^{5}\right)^{0}$
	10. $((-8)^{1}÷(-2)^{1})^{4}$
	11. $(3^{2}÷3^{1})^{2}$
	12. $-\left(2^{5}÷2^{2}\right)^{0}$
	13. $\left(5^{5}÷2^{3}\right)^{4}$
	14. $\left(1^{2}÷1^{5}\right)^{1}$
	15. $\left(\frac{a}{b}\right)^{n}$

What do you notice? What do you wonder?

Do you have any conjectures?