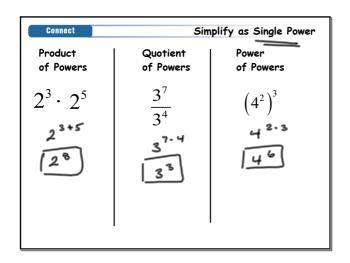


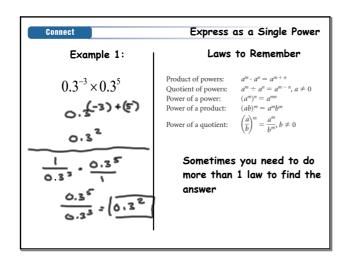
Connect	Exponents Laws
Recall the exponent laws for integers bases and whole number exponents	
Product of powers: Quotient of powers: Power of a power: Power of a product:	$a^{m} \cdot a^{n} = a^{m+n}$ $a^{m} \div a^{n} = a^{m-n}, a \neq 0$ $(a^{m})^{n} = a^{mn}$ $(ab)^{m} = a^{m}b^{m}$
Power of a quotient:	$\left(\frac{a}{b}\right)^m = \frac{a^m}{b^m}, b \neq 0$

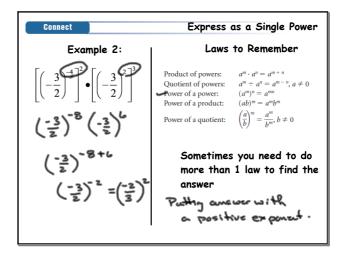
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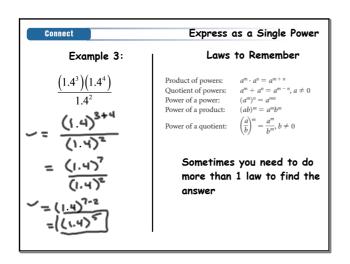
Connect	Simplify as Single Power
Product of Product	Power of Quotient
(2*3) <sup>4</sup> 24 • 34	$\frac{\left(\frac{4}{5}\right)^2}{4^2}$

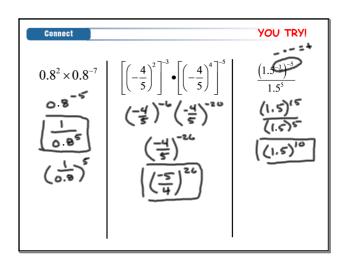


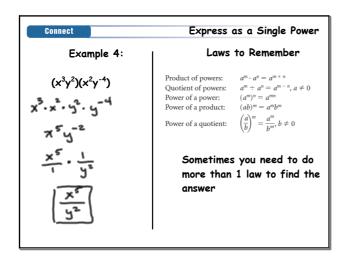


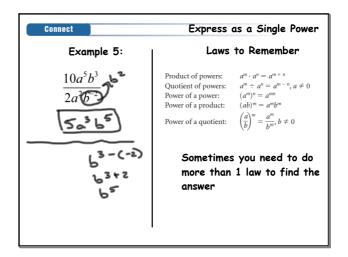
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