Card Matching

Cut out the following cards. Then, group the example card and equivalent expression cards with the property they demonstrate.

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| Power of a Power  When taking a power to a power, keep the base and multiply the exponents. | Power of a Product  Take each base to the power (“distribute” the power because a and b are multiplied, not ±). | Product of Powers  When multiplying like bases, keep the base and add the exponents. |
| Zero Exponent  Any non-zero number to the 0th power is one. | Negative Exponents  When the exponent is negative, move the base to the other side of the fraction bar and change the sign of the exponent. | Quotient of Powers  When dividing like bases, keep the base and subtract the exponents. |
| Power of a Quotient  Take each base to the power (“distribute” the power because a and b are divided, not ±). |  |  |
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