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 PowerWhen taking a power to a power, keep the base and multiply the exponents.  | Power of a ProductTake each base to the power (“distribute” the power because a and b aremultiplied, not ±).  | Product of PowersWhen multiplying like bases, keep the base and add the exponents.  |
| Zero ExponentAny non-zero number to the 0th power is one.  | Negative ExponentsWhen the exponent is negative, move the baseto the other side of thefraction bar and changethe sign of the exponent.  | Quotient of PowersWhen dividing like bases, keep the base and subtract the exponents.  |
| Power of a QuotientTake each base to the power (“distribute” the power because a and b aredivided, not ±).  |  |  |
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