



Pre-Algebra: Exponents #2

1. Fill in the blanks by expanding and then writing the answer

Explain the patterns that you see:

Can a power ever yield a negative number? Why or Why not?

EXPAND	VALUE OF THE POWER
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$2^5 = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

$2^4 = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

$2^3 = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

$2^2 = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

$2^1 = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

$2^0 = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

$2^{-1} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

$2^{-2} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

$2^{-3} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

$2^{-4} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$



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