POWERS

$2^5 = 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 = \boxed{32}$

$(-3)^4 = (-3)(-3)(-3)(-3) = 81$

4 ↑ even = pos

$(-5)^3 = (-5)(-5)(-5) = -125$

3 ↑ odd = neg

$-2^3 = -2 \cdot 2 \cdot 2 = -8$

↑ opp of 2^3 always be neg

$2^4 = 16$ ×½

$2^3 = 8$ ×½

$2^2 = 4$ ×½

$2^1 = 2$ ×½

$2^0 = 1$ $a^0 = 1$

$2^{-1} = \frac{1}{2}$

$2^{-2} = \frac{1}{4}$

neg exp → divide

$6^{-3} = \frac{1}{216}$ ← 6^3

$(-2)^{-5} = -\frac{1}{32}$