

Name : _____

Integers: S1

Evaluating Exponents

Evaluate each expression.

1) $3^4 \cdot 4^3$

2) $\frac{(-2)^{-3}}{6^2}$

3) $(-7)^{-3} \cdot 7^4 + 2^{-1}$

4) $(-8)^3 - (-4)^5$

5) $2^{-2} + (-3)^2 - 6^3$

6) $\frac{3^6 \cdot (4)^{-2}}{9^2}$

7) $9^{-2} + 3^{-3}$

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$(-8)^3 \cdot 2^{-7} + 3^4$

10) $(-2)^9 + 8^2 - 3$

$\frac{6^2 \cdot (-4)^{-2}}{3^4}$

13) $(-9)^2 - 6^4$

14) $4^4 + 5^3 - 3^5$

15) $8^2 \cdot 4^{-4} + 3^{-2} - 6^{-1}$
