

Name : _____

Integers: S3

Evaluating Exponents

Evaluate each expression.

1) $\frac{8^2}{4^4}$

2) $5^2 + 7 - (-3)^2$

3) $2^{-5} \cdot (-2)^2 - 8^{-1}$

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

5) $\frac{4^2 \cdot 2^{-6}}{7}$

6) $6^2 - (-4)^3$

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7) $9^2 \cdot 3^{-4} + (-5)^4$

$\frac{2^5 - 2^{-3}}{8^2}$

10) $6^2 + (-5)^3 - 8^2$

$4^{-2} \cdot 2^3 - 6^{-2}$

13) $6^2 \cdot (-9)^{-3}$

14) $3^3 \cdot 3^{-2} + 7^{-1} - 2^4$

15) $\frac{8^3}{2^6}$
