

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

\_\_\_\_\_

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

\_\_\_\_\_

# PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)

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

\_\_\_\_\_