

Name Key
Mrs. Roubos

Date _____
8R Period _____

Do Now

Use the order of operations to evaluate each expression.

Reminder:

Square Roots

√

Problem in Parentheses Pick one

()

Exponents

x^2

left to right { Multiplication/Division

\cdot / \div

Addition/Subtraction

$+ / -$

1) $3^2 + 4^3 - 10$

$9 + 64 - 10$

$73 - 10$

$\boxed{63}$

2) $7^2(\sqrt{25} - 3)$

$7^2(5 - 3)$

$7^2(2)$

$49 \cdot 2$

$\boxed{98}$

3) $3^3 + \sqrt{144} - 2^3$

$3^3 + 12 - 2^3$

$27 + 12 - 8$

$39 - 8$

$\boxed{31}$

4) $(6 - 4)^5 - (-3)^2$

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

$32 - 9$

$\boxed{23}$