

**Warm Up!***Remember: your study guide is due tomorrow!*

- 1.) Write in agenda book
- 2.) Order the following from least to greatest.

$$\frac{1}{2}, 0.8, \frac{3}{4}, 0.1$$

$$0.1, \frac{1}{2}, \frac{3}{4}, 0.8$$

## Chapter 9 Quiz Review

## Cornhole

3 points in the hole

2 points on the board

1 point for throwing

0 points if answer is wrong

Jan 16-4:03 PM

Jan 16-4:04 PM

Write the following using exponents.

$$2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2$$

$$\frac{4}{5} \times \frac{4}{5}$$

Find the value.

$$7^4 \quad \left(\frac{2}{3}\right)^3 \quad 1.4^2$$

Jan 16-4:04 PM

Jan 16-4:06 PM

For each of the numbers below, determine whether it is prime, composite or neither?

15

1

7

Find the prime factorization of 60. Be sure to use exponents.

Find the prime factorization of 54. Be sure to use exponents.

Jan 17-7:30 AM

Jan 16-4:08 PM

ADV.

Find the prime factorization of 2,800. Be sure to use exponents.

Find the prime factorization of 85. Be sure to use exponents.

Simplify the expressions below using the order of operations.

$$3 + (7-5)^2 \times 6$$

$$12 - (4^3 \div 8) + 1$$

$$18 \div 3 \times 3 - 12 + 23$$

$$4^2 - (3.1 + 6.4) + 4.5$$

PEMDAS

Jan 16-4:25 PM

Jan 16-4:11 PM

Advanced: Simplify the expressions below using the order of operations.

$$12 - (4^3 \div 8) + 1$$

$$4^2 - (3.1 + 6.4) + 4.5$$

$$6 + 4 \times 5 \div 2 - 8 \times 1.5$$

$$1.25 \times 4 + 3 \times 2 \div \left(\frac{1}{2}\right)^3$$

P  
E  
M  
D  
A  
S

The nature park has a pride of 7 adult lions and 4 cubs. The adults eat 6 pounds of meat each day and the cubs eat 3 pounds. How much meat is consumed each day by the lions?

Jan 16-4:26 PM

Jan 16-4:10 PM