Review Exercise Set 3

Exercise 1: Multiply 28 times 4.

Exercise 2: Multiply 33 times 15.

Exercise 3: What number would complete the following statement for the Commutative Property of Multiplication?

19 * ? = 48 * 19

Exercise 4: Express the following statement in exponential form.

2 * 2 * 2 * 7 * 7 * 7 * 7

Exercise 5: Evaluate 2^5.

Review Exercise Set 3 Answer Key

Exercise 1: Multiply 28 times 4.

28 x 4 = 112

Exercise 2: Multiply 33 times 15.

33 x 15 = 495

Exercise 3: What number would complete the following statement for the Commutative Property of Multiplication?

19 * ? = 48 * 19

19 * **48** = 48 * 19

The commutative property of multiplication states that two numbers can be multiplied in either order. On the right side of the equals sign we have 48 times 19, so on the left side of the equals sign we would need to have 19 times 48 in order for the statement to be true.

Exercise 4: Express the following statement in exponential form.

2 * 2 * 2 * 7 * 7 * 7 * 7

$2^3 * 7^4$

In the statement, we have three 2's and four 7's. Therefore, the exponent for 2 will be 3 and the exponent for 7 will be 4.

Exercise 5: Evaluate 2^5.

$2^5 = 2 * 2 * 2 * 2 * 2 = 32$

We would expand the exponential statement into a series of multiplications of the base "2". Performing all of the multiplication would give us the answer.

2 * 2 * 2 * 2 * 2
= 4 * 2 * 2 * 2
= 8 * 2 * 2
= 16 * 2
= 32