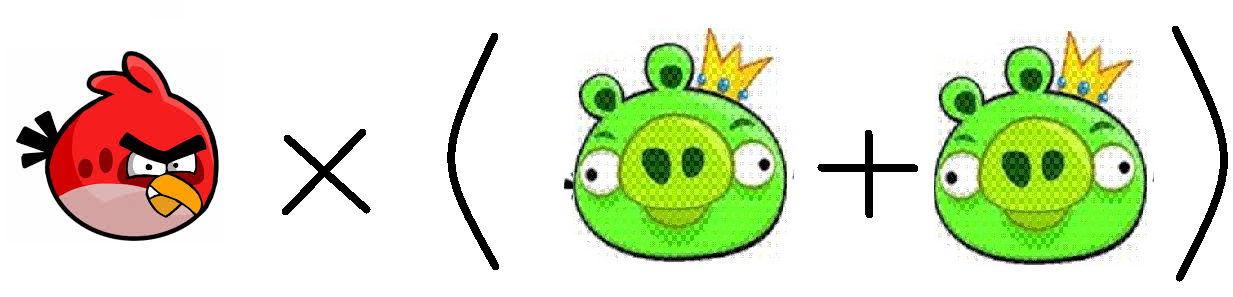
**Distributive Property**

The sum of two or more numbers times a third number is equal to the sum of each added times the third number.

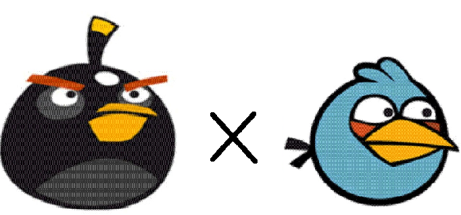
\*\* The Distributive property does not work for division or subtraction!



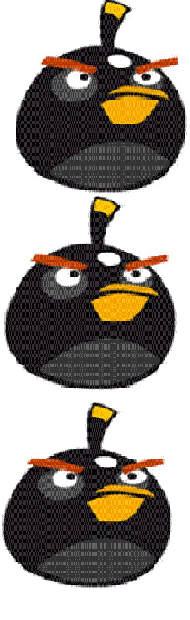
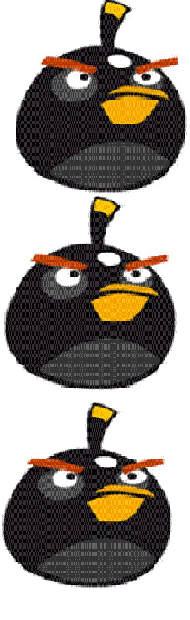
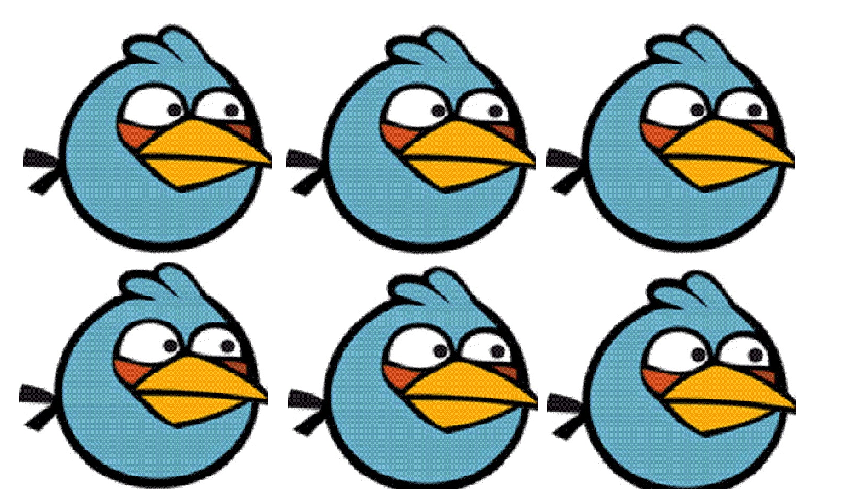
() +()

**Commutative Property of Multiplication**  
The "Commutative Laws" say we can **swap numbers** over and still get the same answer.

\*\* The commutative property can work for addition but NOT division!

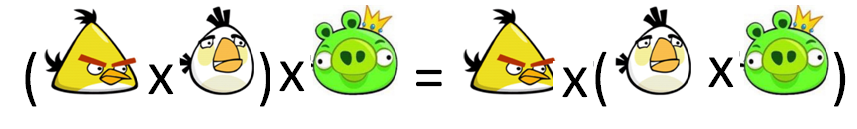


3 x 2 2 x 3

**Associative Property of Multiplication**

The "Associative Laws" say that it doesn't matter how we group the numbers (i.e. which we calculate first) ..  
\*\* The associative property works for addition, but NOT subtraction!



Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Place the letter of the property below each mathematic example!

Associative: A

Distributive: D

Commutative: C

1. (3x9)x7=(9x7)x3 6. 9(9+9)= (9x9)+(9x9)  
    \_\_\_\_ \_\_\_\_
2. 1(2x4)= (1x2) +(1x4) 7. 32x2= 2x32

\_\_\_\_ \_\_\_\_

1. 4x11= 11x4 8. 1(2+3)= (1x2)+(1x3)

\_\_\_\_ \_\_\_\_

1. \ (2x3)x3= 2x(3x3) 9. (7x1)=(7x1)

\_\_\_\_ \_\_\_\_

1. 5678 x1234 = 1234x5678 10. 2x(6x3)=(2x6)x3

\_\_\_\_ \_\_\_\_