Name: _____

Commutative Property of Multiplication

The **Commutative Property *of Multiplication*** states that the product of a multiplication problem does not change when you change the order of the numbers.

example 1: 2 x 3 = 3 x 2 example 2: 5 x 7 x 9 = 9 x 5 x 7

Rewrite each multiplication fact another way by rearranging the numbers. Then write the product.

example: 2 x 6 x 4 = 6 x 4 x 2 = 48

a. 4 x 5 = _____ = _____

b. 5 x 5 x 2 = _____ = _____

c. 7 x 2 x 3 = _____ = _____

d. 7 x 1 x 11 = _____ = _____

e. 5 x 4 x 3 = _____ = _____

f. 1 x 2 x 3 x 4 = _____ = _____

g. 5 x 2 x 5 x 2 = _____ = _____

h. 6 x 2 x 1 x 4 = _____ = _____

i. 3 x 2 x 5 x 2 = _____ = _____

ANSWER KEY

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Rewrite each multiplication fact another way by rearranging the numbers. Then write the product.

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Note: answers in the center column will vary. Sample answers given.

a. 4 x 5 = **5 x 4** = **20**

b. 5 x 5 x 2 = **2 x 5 x 5** = **50**

c. 7 x 2 x 3 = **7 x 3 x 2** = **42**

d. 7 x 1 x 11 = **11 x 1 x 7** = **77**

e. 5 x 4 x 3 = **5 x 3 x 4** = **60**

f. 1 x 2 x 3 x 4 = **4 x 3 x 1 x 2** = **24**

g. 5 x 2 x 5 x 2 = **2 x 2 x 5 x 5** = **100**

h. 6 x 2 x 1 x 4 = **4 x 6 x 2 x 1** = **48**

i. 3 x 2 x 5 x 2 = **2 x 2 x 3 x 5** = **60**