The Commutative Property

An array shows objects in equal rows.
This array shows 3 rows of 6 pennies.

The multiplication sentence for this array is
$3 \times 6 = 18$.

You can use the Commutative (Order)
Property of Multiplication to multiply the
numbers in any order:
$3 \times 6 = 18$ and $6 \times 3 = 18$.

Write a multiplication sentence for each array.

1. ○○○○○○○○
○○○○○○○○

2. □□□□
□□□□
□□□□
□□□□

_____ _____

Complete each multiplication sentence. You may use counters or
draw a picture to help.

3. $3 \times 4 = 12$ _____ $\times 3 = 12$

4. $5 \times 2 = 10$ $2 \times$ _____ $= 10$

5. Number Sense How can you use the Commutative Property to know that

○○○○○○
○○○○○○   is equal to   ○○○
○○○○○○   ○○○
                         ○○○
                         ○○○
                         ○○○
                         ○○○   ?

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