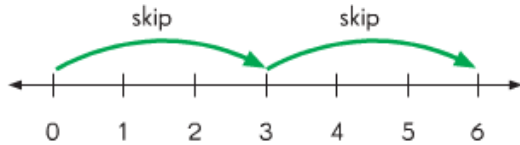


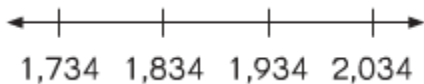
skip

To jump over.



Lesson 6.1 – Multiplication Properties

number line



A horizontal line that allows you to compare and order numbers.

Lesson 6.1 – Multiplication Properties

Associative Property
of Multiplication

Changing the way numbers in a multiplication sentence are grouped and multiplied does not change the answer.

Lesson 6.1 – Multiplication Properties

Multiplicative Property
of Zero

Any number multiplied by 0 equals 0.

$$3 \times 0 = 0$$

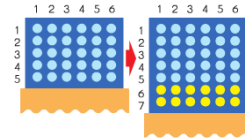
$$7 \times 0 = 0$$

Lesson 6.1 – Multiplication Properties

Vocabulary Cards

dot paper

A **dot paper** shows a set of dots in equal rows and equal columns. It is an example of an array.



Lesson 6.1 – Multiplication Properties

Commutative Property
of Multiplication

Changing the order of numbers in a multiplication sentence does not change the answer.

Lesson 6.1 – Multiplication Properties

Multiplicative Property
of One

Any number multiplied by 1 equals that number.

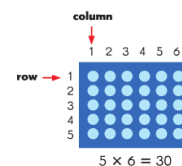
$$2 \times 1 = 2$$

$$7 \times 1 = 7$$

Lesson 6.1 – Multiplication Properties

array model

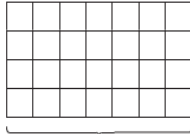
An arrangement in rows and columns.



Lesson 6.2 – Multiply by 6

area model

Identical small squares on paper arranged in a grid.



$$4 \times 7 = 28$$

Lesson 6.3 – Multiply by 7

Vocabulary Cards

equal groups

Sets that have the same number of items.



These are **equal groups**. They both have the same number of items.

Lesson 6.6 – Division: Finding the Number of Items in Each Group