Vocabulary: Chocomatic



**Vocabulary**

* Area – the number of square units inside a shape or figure.
	+ The area of a rectangle can be found by multiplying its two dimensions, *length* and *width*.
		- For a rectangle, area = length × width, or *A* = *l* × *w*.
* Array – a rectangular arrangement of objects into rows and columns.
* Dimensions – the side lengths of a geometric shape.
	+ A rectangle has two dimensions, usually referred to as *length* and *width*.
	+ Dimensions are sometimes written as a multiplication expression. For example, the dimensions of the rectangle shown below are 4 × 5.



* Factor – one of the numbers being multiplied together in a multiplication expression.
	+ For example, in the expression 4 × 3, 4 and 3 are factors.
	+ Factors can also refer to whole numbers that can be divided into a whole number with no remainder. For example, the factors of 12 are 1, 2, 3, 4, 6, and 12.
	+ A *factor pair* is two numbers whose product is a given number. For example, the factor pairs of 12 are: 1 and 12, 2 and 6, and 3 and 4.
* Multiplication – repeated addition of a number.
	+ The multiplication symbol is × or •.
	+ For example, 3 × 4 means 4 + 4 + 4, or 12.
* Product – the answer to a multiplication problem.
	+ For example, the product of 3 × 4 is 12.