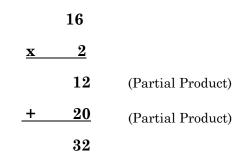
Vocabulary For 6-1

- Algorithm- The steps followed to solve a problem
- Partial Product- Numbers that are part of the product



• **Expanded Algorithm**- An extended way of solving a multiplication problem, which breaks the place value into their partial products.

	16	
x	2	
	12	(6 x 2 = 12)
+	<u>20</u>	(10 x 2 = 20)
	32	[<u>1 in the</u> <u>tens place</u> <u>means 1</u> <u>ten]</u>

Vocabulary For 6-3

• **Standard Algorithm**- Multiplying the tens and ones separately, then adding any tens brought over from the ones. The standard algorithm can be thought of as a shortcut to the expanded algorithm.