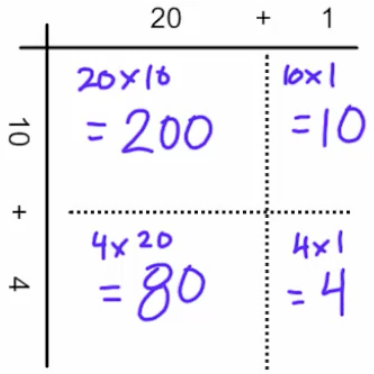
Learning Goal:
By the end of this lesson I should be able to MULTIPLY single and double-digit positive numbers together using an AREA MODEL, WITHOUT the use of a calculator (technology).

Example Strategies: Find the PRODUCT of 14 x 21



Area Model

Break the original multiplying numbers up into smaller friendly numbers; find the smaller areas and sum the smaller areas up for the final product.

14 x 21= 200 + 10 + 80 + 4

= 294

Skills Practice:
Use the Area Model to multiply the following:

(a) 6 x 18

(b) 22 x 34

(c) 18 x 27

(d) 32 x 65