

**Learning Goal:**

By the end of this lesson I should be able to MULTIPLY double and triple digit positive numbers together using the DISTRIBUTIVE PROPERTY of MULTIPLICATION, WITHOUT the use of a calculator (technology).

**Example Strategies:** Find the PRODUCT of  $18 \times 25$

Number Model - Dist. Prop	Area Model - Friendly Numbers
$(18)(25)$ $= (10+8)(20+5)$ (dist. prop.) $= (10)(20) + (10)(5) + (8)(20) + (8)(5)$ $= 200 + 50 + 160 + 40$ $= 250 + 200$ $= 450$	

**Skills Practice:** Find the Product of the following using the Distributive Property:

(a)  $(25)(14)$

(b)  $(18)(22)$

(c)  $(59)(68)$

(d)  $(121)(40)$

