Find the answers to the following multiplication sums using the Distributive Law and check your answer using an array model.   *Name:*

Example	CHECK WORK USING AN AREA MODEL
$= (x + 2)(x + 4)$	
$x(x + 4) \quad +2(x + 4)$	
$= x^2 + 4x + 2x + 8$	
$= x^2 + 6x + 8$	→ PLEASE USE THE ARROWS IN YOUR WORK

1. $(x + 5)(x + 3)$

=

=

=

2. $(a + 1)(a + 7)$

=

=

=

3. $(y + 4)(y + 4)$

=

=

=

4. $(x + y)(x + y)$

=

=

=