

**CLUES;** Use the pieces to build rectangles with the following *over* and *up* amounts.

Then separate the final large rectangle into the four partial rectangles below in the order shown in the problem (**LEFT Bottom**, **LEFT TOP**, **RIGHT Bottom**, **RIGHT TOP**) and write in the blanks what you see in each partial rectangle.

**Built Right?**    **Written Right?**

1. $(1x + 4)(1x + 2) =$ _____ + _____ + _____ + _____ <b>→</b> <b>↑</b> <b>LEFT Bottom</b> <b>LEFT TOP</b> <b>RIGHT Bottom</b> <b>RIGHT TOP</b>	Yes No	Yes No
2. $(1x + 3)(1x + 5) =$ _____ + _____ + _____ + _____ <b>→</b> <b>↑</b> <b>LEFT Bottom</b> <b>LEFT TOP</b> <b>RIGHT Bottom</b> <b>RIGHT TOP</b>	Yes No	Yes No
3. $(1x + 5)(1x + 2) =$ _____ + _____ + _____ + _____ <b>→</b> <b>↑</b> <b>LEFT Bottom</b> <b>LEFT TOP</b> <b>RIGHT Bottom</b> <b>RIGHT TOP</b>	Yes No	Yes No
4. $(1x + 6)(1x + 4) =$ _____ + _____ + _____ + _____ <b>→</b> <b>↑</b> <b>LEFT Bottom</b> <b>LEFT TOP</b> <b>RIGHT Bottom</b> <b>RIGHT TOP</b>	Yes No	Yes No
5. $(x + 3)(1x + 3) =$ _____ + _____ + _____ + _____ <b>→</b> <b>↑</b> <b>LEFT Bottom</b> <b>LEFT TOP</b> <b>RIGHT Bottom</b> <b>RIGHT TOP</b>	Yes No	Yes No
6. $(x + 5)(x + 5) =$ _____ + _____ + _____ + _____ <b>→</b> <b>↑</b> <b>LEFT Bottom</b> <b>LEFT TOP</b> <b>RIGHT Bottom</b> <b>RIGHT TOP</b>	Yes No	Yes No
7. $(2x + 3)(x + 4) =$ _____ + _____ + _____ + _____ <b>→</b> <b>↑</b> <b>LEFT Bottom</b> <b>LEFT TOP</b> <b>RIGHT Bottom</b> <b>RIGHT TOP</b>	Yes No	Yes No
8. $(1x + 2)(3x + 4) =$ _____ + _____ + _____ + _____ <b>→</b> <b>↑</b> <b>LEFT Bottom</b> <b>LEFT TOP</b> <b>RIGHT Bottom</b> <b>RIGHT TOP</b>	Yes No	Yes No
9. $(2x + 3)(2x + 3) =$ _____ + _____ + _____ + _____ <b>→</b> <b>↑</b> <b>LEFT Bottom</b> <b>LEFT TOP</b> <b>RIGHT Bottom</b> <b>RIGHT TOP</b>	Yes No	Yes No
10. $(2x + 1)(2x + 1) =$ _____ + _____ + _____ + _____ <b>→</b> <b>↑</b> <b>LEFT Bottom</b> <b>LEFT TOP</b> <b>RIGHT Bottom</b> <b>RIGHT TOP</b>	Yes No	Yes No
11. $(3x + 5)(x + 4) =$ _____ + _____ + _____ + _____ <b>→</b> <b>↑</b> <b>LEFT Bottom</b> <b>LEFT TOP</b> <b>RIGHT Bottom</b> <b>RIGHT TOP</b>	Yes No	Yes No
12. $(2x + 1)(2x + 3) =$ _____ + _____ + _____ + _____ <b>→</b> <b>↑</b> <b>LEFT Bottom</b> <b>LEFT TOP</b> <b>RIGHT Bottom</b> <b>RIGHT TOP</b>	Yes No	Yes No