**Mystery Lots**

The developer from *A Lot of Changing Sides* has taken to writing plans for lot sizes in algebraic code. Unfortunately, the codes are giving the city planner a hard time.

1. Here is what the city planner found written in the developer’s notes one day: “Build a lot whose area is X2 + 3X + 5X + 15.”
2. Help the city planner by finding out what the developer planned to do with the original square lot. (Remember that the original lot had sides of length X.)
3. What do you suppose each of these two entries means?
   1. “Build a lot whose area is X2 + 4X + 6X + 24.”
   2. “Build a lot whose area is X2 + 6X + 2X + 12.”
4. Then the developer’s entries got even more cryptic. Figure out for the city planner what each of these entries means.
   1. “Build a lot whose area is X2 + 9X + 18.”
   2. “Build a lot whose area is X2 + 7X + 10.”
   3. “Build a lot whose area is X2 + 6X + 8.”
   4. “Build a lot whose area is X2 + 5X + 4.”