# The 3-4-5- Rule for Squaring Corners ....

One of the challenges when creating corners is getting them square. While no room is ever PERFECTLY square, we need to get the corners as close to 90 degrees as possible. If not, any tile or carpet laid will be noticeably 'off' from one side of the room to the other. Using the 3-4-5 method for squaring corners will help ensure your corners are square
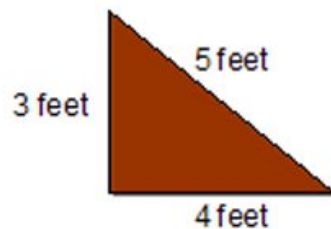
To create corners, we use the 3-4-5 rule from basic geometry:

5 feet

3 feet

4 feet

$$A^2 + B^2 = C^2$$

This means the square of the hypotenuse of a right triangle is equal to the sum of the square of both legs.

$$(3)^2 + (4)^2 = (5)^2$$
$$9 + 16 = 25$$

Getting away from the math stuff, it simply means that if you measure 3' out from the corner in one direction, and 4' out in the other direction, the line between the two points should be 5'. If not, your corner isn't square.

For concrete slab forms .... you may want to try a 6-8-10 triangle.

10'

6'

8'
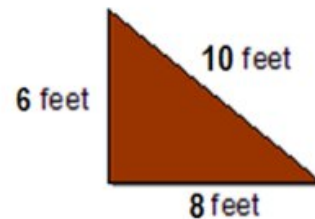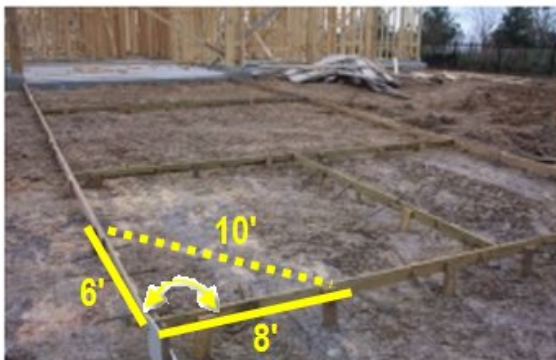
Close or open angle until you achieve 10 feet!

10 feet

6 feet

8 feet

$$36 + 64 = 100$$