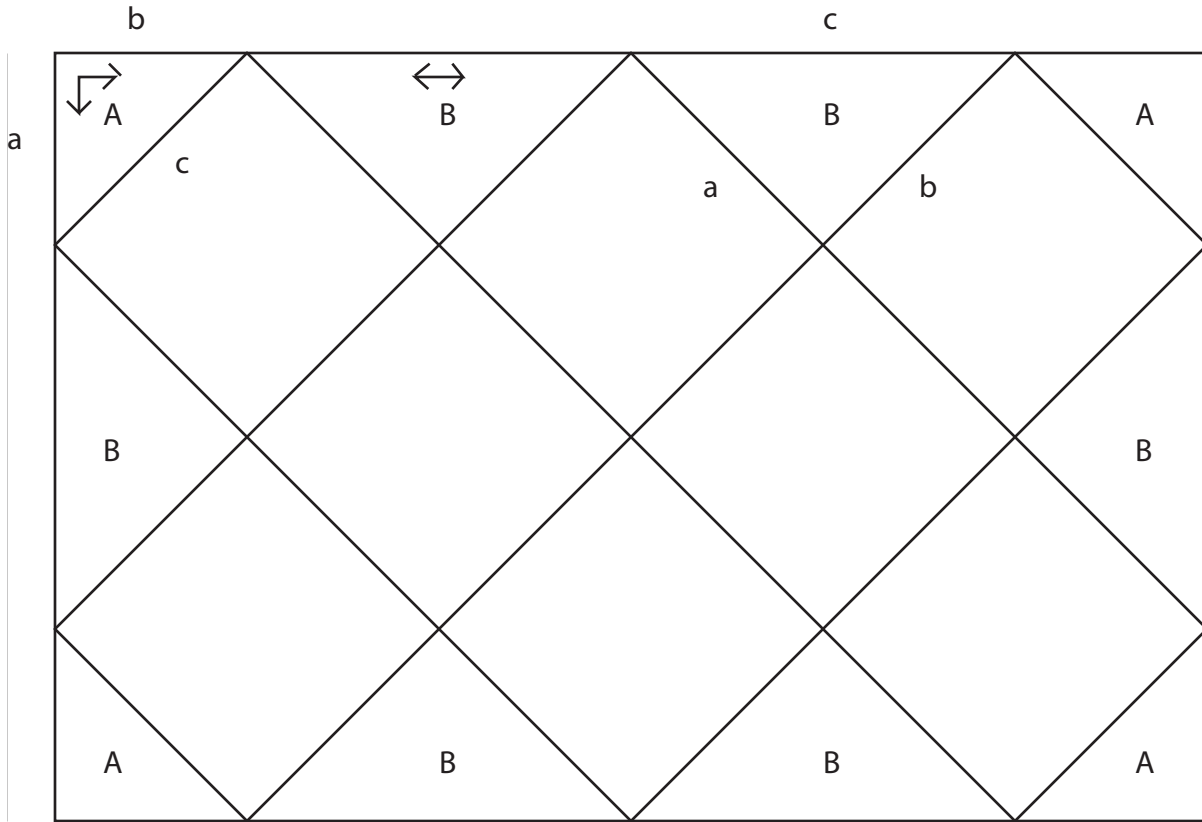


# “Setting Triangles” or How to Set “On Point”



**A is a Half Square Triangle.** (RULE: Add 7/8" to the finished side.)

**B is a Quarter Square Triangle.** (RULE: Add 1 1/4" to the finished side.)

**First** you need to find the measurements of the sides of A and B.

Use the formula  $a^2 + b^2 = c^2$

Triangle A:  $\_\_\_\^2 + \_\_\_\^2 = 6^2$  so  $\_\_\_\^2 + \_\_\_\^2 = 36$ ;  $18 + 18 = 36$ ; square root of 18 is 4.24

Triangle B:  $6^2 + 6^2 = \_\_\_\^2$  so  $36 + 36 = \_\_\_\^2$ ;  $36 + 36 = 72$ ; square root of 72 is 8.48

**Next**, you apply the RULE:

Triangle A:  $4\ 1/4" + 7/8" = 5\ 1/8"$  (4.24 is close to 4.25 which is  $4\ 1/4$ )

Triangle B:  $8\ 1/2" + 1\ 1/4" = 9\ 3/4"$  (8.48 is close to 8.5 which is  $8\ 1/2$ )

**Finally**, decide on the number of squares you will need to cut.

**Triangle A: Cut two -  $5\ 1/8"$  squares and then cut on the diagonal** for four triangles.

**Triangle B: Cut two -  $9\ 3/4"$  squares and then cut on both diagonals** for eight triangles (two extras).



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