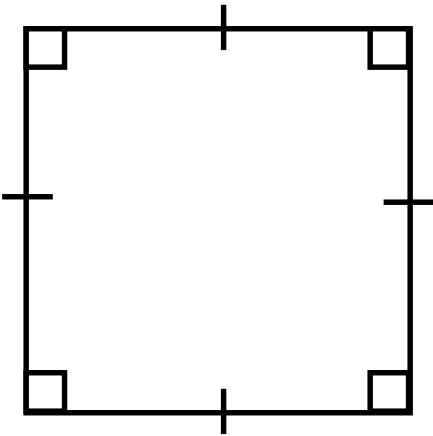
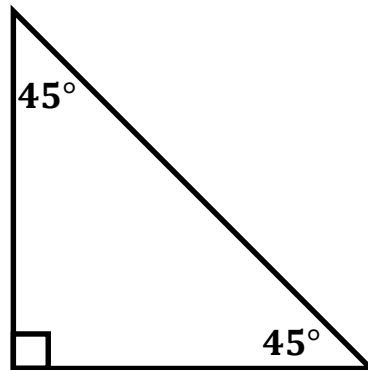


NOTES 9.2: $45^\circ - 45^\circ - 90^\circ$ TRIANGLES

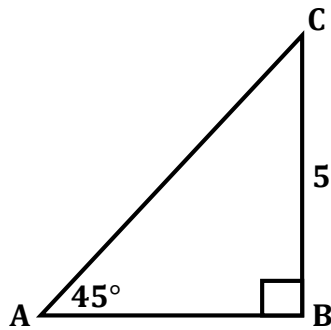


So anytime you are solving for a missing length in a $45^\circ - 45^\circ - 90^\circ$ triangle, label it like this:



EXAMPLES: Find the lengths of the missing sides.

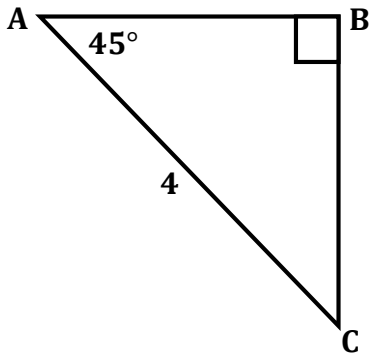
1.



AB = _____

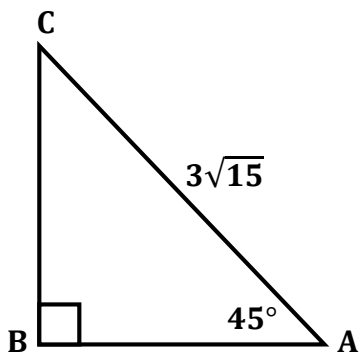
AC = _____

2.



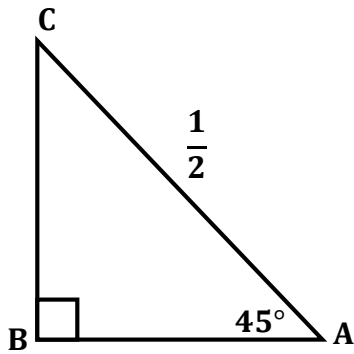
AB = _____ BC = _____

3.



AB = _____ BC = _____

4.



AB = _____ BC = _____