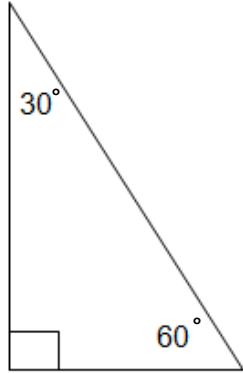


Notes Special Right Triangles (30-60-90)

Name: _____ Date: _____ Period: _____

Learning Target: _____

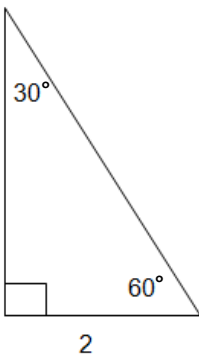


Since there are no congruent angles in this triangle, there are no congruent sides either...so it's scalene. As a result, the hypotenuse is the longest side, and one leg is shorter than the other. You can tell which side is which by looking at the angles... 30 opposite the short leg, 60 opposite the long leg, 90 opposite from the hypotenuse.

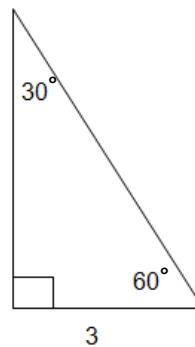
In a 30-60-90 triangle:

- _____
- _____
- _____
- _____

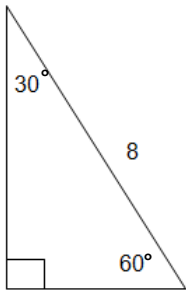
Example 1:



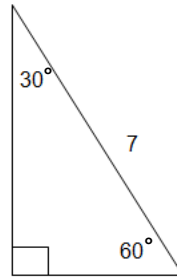
Example 2:



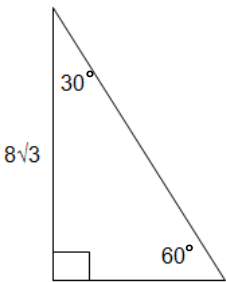
Example 3:



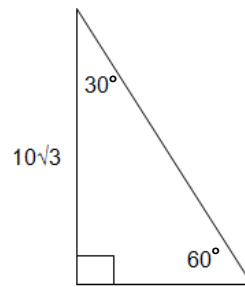
Example 4:



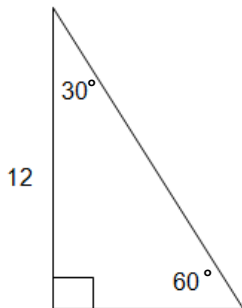
Example 5:



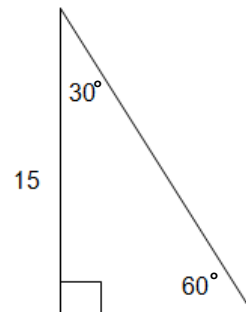
Example 6:



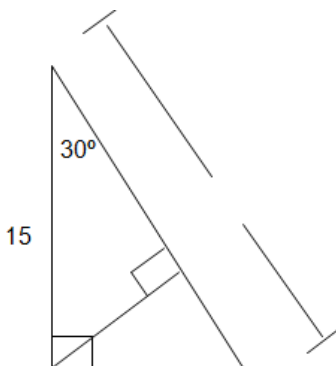
Example 7:



Example 8:



Example 9:



Example 10:

