To "Solve" a right triangle means to find all missing sides and angles.

We will use the skills from the chapter, and recall that the acute angles of a right triangle add up to


In general, sides are named by using the vertex
that is opposite to $i t$. Label sides $\mathrm{a}, \mathrm{b}$, and c below


Examples: Solve the right triangles by finding all the missing angles and side lengths.

$a=5.9$
$b=(10)(.8090)$
$b=8.1$


Examples: Solve the right triangles by finding all the missing angles and side lengths.

$a^{2}+8^{2}=12^{2}$
$a^{2}+64=144$ $-64-64$
$a^{2}=\sqrt{80}$


