## Quiz 3 <br> 5/31/2024

Name:

1. A triangle ABC has side length $\mathrm{BC}=5$. The angle at B is $30^{\circ}$ and the angle at C is $45^{\circ}$. Find the side length $\mathrm{AB}, \mathrm{AC}$, and the angle at A (in degree).
2. A triangle ABC has side lengths $\mathrm{AB}=3$ and $\mathrm{AC}=4$. The angle at A is $60^{\circ}$. Find the length of BC.
